CANADIAN SPECIES AT RISK

November 2004

Aussi disponible en français

COSEWIC
COMMITTEE ON THE STATUS OF
ENDANGERED WILDLIFE
IN CANADA

COSEPAC
COMITÉ SUR LA SITUATION DES
ESPÈCES EN PÉRIL
AU CANADA

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Cover Illustration: Copper Redhorse, *Moxostoma hubbsi*, designated Endangered by COSEWIC in November 2004. Illustration by Ghislain Caron, Rescousse Project, La Prairie, Quebec.

This publication can be cited as follows: COSEWIC. 2004. Canadian Species at Risk, November 2004. Committee on the Status of Endangered Wildlife in Canada. 58 pp.

COSEWIC Status Reports are available from the *Species at Rist Act* Public Registry
http://www.sararegistry.gc.ca

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ABOUT COSEWIC

COSEWIC MANDATE

The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) assesses the national status of wild species, subspecies, varieties, or other designatable units that are considered to be at risk in Canada. Designations are made on native species including the following taxonomic groups: mammals, birds, reptiles, amphibians, fishes, arthropods, molluscs, vascular plants, mosses, and lichens.

COSEWIC MEMBERSHIP

COSEWIC comprises members from each provincial and territorial government wildlife agency, four federal agencies (Canadian Wildlife Service, Parks Canada Agency, Department of Fisheries and Oceans, and the Federal Biodiversity Information Partnership, chaired by the Canadian Museum of Nature), three non-government members and the co-chairs of the species specialist and the Aboriginal Traditional Knowledge subcommittees. The Committee meets to consider status reports on candidate species.

DEFINITIONS

The following definitions were reviewed by COSEWIC in May 2004:

Wildlife Species	A species, subspecies, variety, or geographically or genetically distinct population of animal, plant or other organism, other than a bacterium or virus, that is wild by nature and it is either native to Canada or has extended its range into Canada without human intervention and has been present in Canada for at least 50 years.
Extinct (X)	A wildlife species that no longer exists.
Extirpated (XT)	A wildlife species no longer existing in the wild in Canada, but occurring elsewhere.
Endangered (E)	A wildlife species facing imminent extirpation or extinction.
Threatened (T)	A wildlife species likely to become endangered if limiting factors are not reversed.
Special Concern (SC) *	A wildlife species that may become a threatened or an endangered species because of a combination of biological characteristics and identified threats.
Not at Risk (NAR) **	A wildlife species that has been evaluated and found to be not at risk of extinction given the current circumstances.
Data Deficient (DD) ***	A wildlife species for which there is inadequate information to make a direct, or indirect, assessment of its risk of extinction.

* Formerly described as "Vulnerable" from 1990 to 1999, or "Rare" prior to 1990.
** Formerly described as "Not In Any Category", or "No Designation Required."
*** Formerly described as "Indeterminate" from 1994 to 1999 or "ISIBD" (insufficient scientific information on which to base a designation) prior to 1994.

SUMMARY TABLES

Species designated in the "risk" and the Extinct categories, and the Not at Risk and Data Deficient categories

Table 1. Summary of COSEWIC's assessment results for the "risk" categories (Extirpated, Endangered, Threatened and Special Concern) (455 species) and for the Extinct category (12 species). The results include the November 2004 meeting.

TAXON	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	TOTALS
Mammals	2	4	20	14	27	67
Birds	3	2	23	10	22	60
Reptiles	0	4	7	13	9	33
Amphibians	0	1	6	5	7	19
Fishes	5	3	22	23	30	83
Arthropods	0	3	6	5	2	16
Molluscs	1	2	12	2	4	21
Vascular Plants	0	2	68	44	34	148
Mosses	1	1	6	3	2	13
Lichens	0	0	2	1	4	7
Totals	12	22	172	120	141	467

Table 2. Summary of COSEWIC's assessment results for the Not at Risk category. The results include the November 2004 meeting.

TAXON	NOT AT RISK
Mammals	43
Birds	35
Reptiles	4
Amphibians	14
Fishes	35
Arthropods	0
Molluscs	2
Vascular Plants	16
Mosses	0
Lichens	0
Totals	149

Table 3. Summary of COSEWIC's assessment results for the Data Deficient category. The results include the November 2004 meeting.

TAXON	DATA DEFICIENT
Mammals	10
Birds	2
Reptiles	2
Amphibians	0
Fishes	10
Arthropods	0
Molluscs	4
Vascular Plants	4
Mosses	0
Lichens	2
Totals	34

Results from the November 2004 COSEWIC meeting

Table 4. November 2004 results by category and taxon.

TAXON	EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
Mammals			3	3	5	1	1	13
Birds			1	2				3
Reptiles			2	1				3
Amphibians			1					1
Fishes			1					1
Arthropods								0
Molluscs			1		1			2
Vascular Plants			5	2	3			10
Mosses					2			2
Lichens				1				1
Totals	0	0	14	9	11	1	1	36

Table 5. November 2004 results by category and type of change.

TYPE OF CHANGE		EXTINCT	EXTIRPATED	ENDANGERED	THREATENED	SPECIAL CONCERN	NOT AT RISK	DATA DEFICIENT	TOTALS
New				8	4	3			15
In a higher risk category	↑			4	2	1			7
In a lower risk category	↓				1				1
Changed	○							1	1
No Change	↔			1	1	5	1		8
Reassigned	↻			1	1	2			4
No longer at risk	√								0
Totals		0	0	14	9	11	1	1	36

Explanation of species status terminology and symbols

↑ Species placed in a higher risk category after reassessment on the date shown.

↓ Species placed in a lower risk category after reassessment on the date shown.

↔ Species stays in the same category after reassessment on the date shown.

○ Species moved to the Data Deficient category from a risk category, or to a risk category from the Data Deficient category on the date shown.

↻ Species that has been assigned to a different designatable unit than previously on the date shown.

√ Species moved to the Not at Risk category from a risk category on the date shown.

(*no symbol*) New species examined on the date shown.

COSEWIC ASSESSMENT RESULTS

The tables that follow (Tables 6-9) are organized by status category and then by taxonomic group. For each species, the information provided includes the common name, scientific name, population name, and range of occurrence in Canada (by province, territory or ocean). The most recent date of assessment by COSEWIC is shown. The symbols on the left provide information on the type of status report used as the basis for reassessment for species evaluated against quantitative criteria (see below), and the symbols on the right provide information on the outcome of status reassessments (see explanation of symbols on page three).

The first COSEWIC "Endangered Species List" was issued in 1978. In 1990, it was decided that all species considered by COSEWIC should be included in this document even if the species were in the Not at Risk or Data Deficient categories. Therefore, this document is divided into four sections. The first section (Table 6) includes species assessed and designated as Extinct. The second section (Table 7) includes species assessed and designated as Extirpated, Endangered, Threatened or Special Concern. The third section (Table 8) includes species assessed and found to be in the Not at Risk category. The fourth section (Table 9) includes species considered by COSEWIC and placed in the Data Deficient category because of insufficient scientific information.

Evaluation with COSEWIC's quantitative criteria

COSEWIC has been using quantitative criteria to assess species' risk of extinction since October 1999. These criteria were adapted from the criteria used by the World Conservation Union (IUCN).

Explanation of type of status report symbols for species evaluated using quantitative criteria:

Δ or Δ* Assessment based on a new status report or an update status report. A plus sign (+) indicates the report has an addendum or that the report has been modified.

Δ or Δ* Species re-assessed using an existing status report. A plus sign (+) indicates the report has an addendum or that the report has been modified.

Range of Occurrence

The geographical distribution of each species is defined in terms of the provinces, territories and oceans in which the species occurs. This information should not be treated as a complete listing of the jurisdictions that may be legally responsible for the conservation and management of a species. Several guidelines are followed when determining the range of occurrence of a species: for birds, it includes the Canadian breeding and wintering distribution; for marine species, it includes the oceans in which the species occurs (Arctic, Pacific or Atlantic); for freshwater species, it includes the province or territory in which the waterbody occurs; and, for species that occur in brackish waters, move between marine and freshwater environments, or move between oceans and land (e.g., Atlantic Walrus), range of occurrence includes a list of both the oceans and provinces or territories in which the species occurs.

Abbreviations for provinces and territories:

AB	Alberta	NS	Nova Scotia	QC	Québec
BC	British Columbia	NT	Northwest Territories	SK	Saskatchewan
MB	Manitoba	NU	Nunavut	YT	Yukon Territory
NB	New Brunswick	ON	Ontario		
NL	Newfoundland and Labrador	PE	Prince Edward Island		

Table 6. Species assessed and designated Extinct, with range of occurrence (by province, territory or ocean) and date of last assessment. The historical range of occurrence and the approximate date of disappearance are shown (12 species).

EXTINCT CATEGORY (12)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extinction Date	Assessment Date
Mammals (2)						
Δ ↔	Caribou *dawsoni* subspecies	*Rangifer tarandus dawsoni*		BC	1920s	May 2000
Δ ↔	Mink, Sea	*Mustela macrodon*		NB NS Atlantic Ocean	1894	May 2000
Birds (3)						
Δ ↔	Auk, Great	*Pinguinus impennis*		QC NB NS NL	1844	May 2000
Δ ↔	Duck, Labrador	*Camptorhynchus labradorius*		QC NB NS NL	1875	May 2000
Δ ↔	Pigeon, Passenger	*Ectopistes migratorius*		SK MB ON QC NB PE NS	1914	May 2000
Reptiles (0)						
Amphibians (0)						
Fishes (5)						
Δ ↔	Cisco, Deepwater	*Coregonus johannae*		ON	1952	May 2000
Δ ↔	Dace, Banff Longnose	*Rhinichthys cataractae smithi*		AB	1986	May 2000
Δ ↔	Stickleback, Benthic Hadley Lake	*Gasterosteus* sp.		BC	1999	May 2000
Δ ↔	Stickleback, Limnetic Hadley Lake	*Gasterosteus* sp.		BC	1999	May 2000
Δ ↔	Walleye, Blue	*Stizostedion vitreum glaucum*		ON	1965	May 2000
Arthropods (0)						
Molluscs (1)						
Δ ↔	Limpet, Eelgrass	*Lottia alveus alveus*		QC NS NL	1929	May 2000
Vascular Plants (0)						
Mosses (1)						
Δ	Moss, Macoun's Shining	*Neomacounia nitida*		ON	not observed since 1864	Nov 2002
Lichens (0)						

Table 7. Species assessed and designated in a "risk category" (Extirpated, Endangered, Threatened or Special Concern) (455 species), with range of occurrence (by province, territory or ocean) and date of assessment. For Extirpated species, the historical range of occurrence and the approximate date of disappearance from Canada are shown.

EXTIRPATED CATEGORY (22)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extirpation Date	Assessment Date
Mammals (4)						
Δ ↔	Bear, Grizzly	*Ursus arctos*	Prairie population	AB SK MB	1880s	May 2002
Δ ↔	Ferret, Black-footed	*Mustela nigripes*		AB SK MB	1974	May 2000
Δ ↔	Walrus, Atlantic	*Odobenus rosmarus rosmarus*	Northwest Atlantic population	Atlantic Ocean	mid 19th century	May 2000
Δ ↔	Whale, Grey	*Eschrichtius robustus*	Atlantic population	Atlantic Ocean	before end of 1800s	May 2000
Birds (2)						
Δ ↔	Prairie-Chicken, Greater	*Tympanuchus cupido*		AB SK MB ON	last reported in 1987 in Saskatchewan	May 2000
Δ ↔	Sage-Grouse *phaios* subspecies, Greater	*Centrocercus urophasianus phaios*		BC	not observed since 1960s	May 2000
Reptiles (4)						
Δ	Gophersnake, Pacific	*Pituophis catenifer catenifer*		BC	not observed since 1957	May 2002
Δ ↔	Lizard, Pigmy Short-horned	*Phrynosoma douglasii*	British Columbia population	BC	last reported in 1898, near Osoyoos, BC	May 2000
Δ	Rattlesnake, Timber	*Crotalus horridus*		ON	1941	May 2001
Δ	Turtle, Pacific Pond	*Actinemys marmorata*		BC	not observed since 1959	May 2002
Amphibians (1)						
Δ	Salamander, Tiger	*Ambystoma tigrinum*	Great Lakes population	ON	1915	Nov 2001
Fishes (3)						
Δ	Bass, Striped	*Morone saxatilis*	St. Lawrence Estuary population	QC	Last recorded in 1968.	Nov 2004
Δ ↔	Chub, Gravel	*Erimystax x-punctatus*		ON	last reported in 1958, Thames River drainage	May 2000

EXTIRPATED CATEGORY (22)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Historical Range of Occurrence	Extirpation Date	Assessment Date
Δ ↔	Paddlefish	*Polyodon spathula*		ON	1917	May 2000
Arthropods (3)						
Δ ↔	Blue, Karner	*Lycaeides melissa samuelis*		ON	1991	May 2000
Δ ↔	Elfin, Frosted	*Callophrys [Incisalia] irus*		ON	1988	May 2000
Δ ↔	Marble, Island	*Euchloe ausonides*		BC	before 1910	May 2000
Molluscs (2)						
Δ	Snail, Puget Oregonian	*Cryptomastix devia*		BC	not observed since 1905	Nov 2002
Δ ↔	Wedgemussel, Dwarf	*Alasmidonta heterodon*		NB	1968	May 2000
Vascular Plants (2)						
Δ ↔	Spring Blue-eyed Mary	*Collinsia verna*		ON	not observed since 1954	May 2000
Δ ↔	Tick-trefoil, Illinois	*Desmodium illinoense*		ON	not observed since 1888	May 2000
Mosses (1)						
Δ	Moss, Incurved Grizzled	*Ptychomitrium incurvum*		ON	1828	Nov 2002
Lichens (0)						

ENDANGERED CATEGORY (172)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (20)					
Δ ↻	Badger *jacksoni* subspecies, American	*Taxidea taxus jacksoni*		ON	May 2000
Δ ↻	Badger *jeffersonii* subspecies, American	*Taxidea taxus jeffersonii*		BC	May 2000
Δ ↻	Caribou, Peary	*Rangifer tarandus pearyi*		NT NU	May 2004
Δ ↔	Caribou, Woodland	*Rangifer tarandus caribou*	Atlantic-Gaspésie population	QC	May 2002
Δ ↔	Fox, Swift	*Vulpes velox*		AB SK	May 2000
Δ* ↔	Marmot, Vancouver Island	*Marmota vancouverensis*		BC	May 2000
Δ ↔	Marten, Newfoundland	*Martes americana atrata*		NL	May 2000
Δ ↑	Mole, Townsend's	*Scapanus townsendii*		BC	May 2003
Δ ↑	Whale, Beluga	*Delphinapterus leucas*	Eastern Hudson Bay population	NU QC Arctic Ocean Atlantic Ocean	May 2004
Δ ↔	Whale, Beluga	*Delphinapterus leucas*	Ungava Bay population	QC Arctic Ocean Atlantic Ocean	May 2004
Δ ↻	Whale, Blue	*Balaenoptera musculus*	Atlantic population	Atlantic Ocean	May 2002
Δ ↻	Whale, Blue	*Balaenoptera musculus*	Pacific population	Pacific Ocean	May 2002
Δ	Whale, Bowhead	*Balaena mysticetus*	Eastern Arctic population	NU Arctic Ocean	Apr 1980
	Whale, Bowhead	*Balaena mysticetus*	Western Arctic population	YT NT NU Arctic Ocean	Apr 1986
Δ* ↻	Whale, Killer	*Orcinus orca*	Northeast Pacific southern resident population	Pacific Ocean	Nov 2001
Δ ↻	Whale, North Atlantic Right	*Eubalaena glacialis*		Atlantic Ocean	May 2003
Δ ↔	Whale, North Pacific Right	*Eubalaena japonica*		Pacific Ocean	Nov 2004
Δ* ↑	Whale, Northern Bottlenose	*Hyperoodon ampullatus*	Scotian Shelf population	Atlantic Ocean	Nov 2002
Δ	Whale, Sei	*Balaenoptera borealis*	Pacific population	Pacific Ocean	May 2003
Δ ↔	Wolverine	*Gulo gulo*	Eastern population	QC NL	May 2003

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Birds (23)					
Δ* ↔	Bobwhite, Northern	*Colinus virginianus*		ON	Nov 2003
Δ ↑	Chat *auricollis* subspecies, Yellow-breasted	*Icteria virens auricollis*	British Columbia population	BC	Nov 2000
Δ ↔	Crane, Whooping	*Grus americana*		NT AB	Nov 2000
Δ	Crossbill *percna* subspecies, Red	*Loxia curvirostra percna*		NL	May 2004
Δ ↔	Curlew, Eskimo	*Numenius borealis*		YT NT NU BC AB SK MB ON QC NB PE NS NL	May 2000
Δ ↔	Flycatcher, Acadian	*Empidonax virescens*		ON	Nov 2000
Δ	Lark *strigata* subspecies, Horned	*Eremophila alpestris strigata*		BC	Nov 2003
Δ ↔	Owl *caurina* subspecies, Spotted	*Strix occidentalis caurina*		BC	May 2000
Δ ↔	Owl, Barn	*Tyto alba*	Eastern population	ON QC	May 2000
Δ ↔	Owl, Burrowing	*Athene cunicularia*		BC AB SK MB	May 2000
Δ ↻	Plover *circumcinctus* subspecies, Piping	*Charadrius melodus circumcinctus*		AB SK MB ON	May 2001
Δ ↻	Plover *melodus* subspecies, Piping	*Charadrius melodus melodus*		QC NB PE NS NL	May 2001
Δ ↔	Plover, Mountain	*Charadrius montanus*		AB SK	Nov 2000
Δ ↔	Rail, King	*Rallus elegans*		ON	Nov 2000
Δ ↔	Sage-Grouse *urophasianus* subspecies, Greater	*Centrocercus urophasianus urophasianus*		AB SK	May 2000
Δ ↻	Screech-Owl *macfarlanei* subspecies, Western	*Megascops kennicottii macfarlanei*		BC	May 2002
Δ ↔	Shrike *migrans* subspecies, Loggerhead	*Lanius ludovicianus migrans*		MB ON QC	Nov 2000
Δ ↔	Sparrow, Henslow's	*Ammodramus henslowii*		ON	Nov 2000
Δ ↔	Tern, Roseate	*Sterna dougallii*		QC NB NS	Oct 1999
Δ ↔	Thrasher, Sage	*Oreoscoptes montanus*		BC AB SK	Nov 2000
Δ ↔	Warbler, Kirtland's	*Dendroica kirtlandii*		ON	May 2000
Δ ↔	Warbler, Prothonotary	*Protonotaria citrea*		ON	May 2000
Δ ↑	Woodpecker, White-headed	*Picoides albolarvatus*		BC	Nov 2000

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Reptiles (7)					
Δ	Nightsnake	*Hypsiglena torquata*		BC	May 2001
Δ ↔	Racer, Blue	*Coluber constrictor foxii*		ON	May 2002
Δ ↔	Seaturtle, Leatherback	*Dermochelys coriacea*		Pacific Ocean Atlantic Ocean	May 2001
Δ ↑	Skink, Prairie	*Eumeces septentrionalis*		MB	May 2004
Δ ↔	Snake, Sharp-tailed	*Contia tenuis*		BC	Oct 1999
Δ ↑	Turtle, Spotted	*Clemmys guttata*		ON QC	May 2004
Δ	Watersnake, Lake Erie	*Nerodia sipedon insularum*		ON	Apr 1991
Amphibians (6)					
Δ ↔	Frog, Northern Cricket	*Acris crepitans*		ON	May 2001
Δ ↔	Frog, Northern Leopard	*Rana pipiens*	Southern Mountain population	BC	May 2000
Δ ↔	Frog, Oregon Spotted	*Rana pretiosa*		BC	May 2000
Δ	Frog, Rocky Mountain Tailed	*Ascaphus montanus*		BC	May 2000
Δ ↑	Salamander, Small-mouthed	*Ambystoma texanum*		ON	May 2004
Δ	Salamander, Tiger	*Ambystoma tigrinum*	Southern Mountain population	BC	Nov001
Fishes (22)					
Δ ↻	Cod, Atlantic	*Gadus morhua*	Newfoundland and Labrador population	Atlantic Ocean	May 2003
Δ ↔	Dace, Nooksack	*Rhinichthys* sp.		BC	May 2000
Δ ↑	Dace, Speckled	*Rhinichthys osculus*		BC	Nov 2002
Δ ↑	Lamprey, Morrison Creek	*Lampetra richardsoni*		BC	May 2000
Δ* ↑	Madtom, Northern	*Noturus stigmosus*		ON	Nov 2002
Δ ↑	Redhorse, Copper	*Moxostoma hubbsi*		QC	Nov 2004
Δ	Salmon, Atlantic	*Salmo salar*	Inner Bay of Fundy populations	NB NS Atlantic Ocean	May 2001
Δ	Salmon, Coho	*Oncorhynchus kisutch*	Interior Fraser population	BC Pacific Ocean	May 2002
Δ ↔	Salmon, Sockeye	*Oncorhynchus nerka*	Sakinaw population	BC Pacific Ocean	May 2003
Δ ↔	Salmon, Sockeye	*Oncorhynchus nerka*	Cultus population	BC Pacific Ocean	May 2003
Δ	Shark, Porbeagle	*Lamna nasus*		Atlantic Ocean	May 2004
Δ ↑	Shiner, Pugnose	*Notropis anogenus*		ON	Nov 2002

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ ↻	Stickleback, Benthic Enos Lake	*Gasterosteus* sp.		BC	Nov 2002
Δ ↑	Stickleback, Benthic Paxton Lake	*Gasterosteus* sp.		BC	May 2000
Δ ↑	Stickleback, Benthic Vananda Creek	*Gasterosteus* sp.		BC	May 2000
Δ ↻	Stickleback, Limnetic Enos Lake	*Gasterosteus* sp.		BC	Nov 2002
Δ ↑	Stickleback, Limnetic Paxton Lake	*Gasterosteus* sp.		BC	May 2000
Δ ↑	Stickleback, Limnetic Vananda Creek	*Gasterosteus* sp.		BC	May 2000
Δ ↑	Sturgeon, White	*Acipenser transmontanus*		BC	Nov 2003
Δ ↔	Sucker, Salish	*Catostomus* sp.		BC	Nov 2002
Δ ↔	Trout, Aurora	*Salvelinus fontinalis timagamiensis*		ON	May 2000
Δ ↔	Whitefish, Atlantic	*Coregonus huntsmani*		NS	Nov 2000
Arthropods (6)					
Δ	Blue, Island	*Plebejus saepiolus insulanus*		BC	Nov 2000
Δ	Checkerspot, Taylor's	*Euphydryas editha taylori*		BC	Nov 2000
Δ	Metalmark, Mormon	*Apodemia mormo*	Southern Mountain population	BC	May 2003
Δ	Moth, Sand-verbena	*Copablepharon fuscum*		BC	Nov 2003
Δ	Moth, Yucca	*Tegeticula yuccasella*		AB	May 2002
Δ ↔	Ringlet, Maritime	*Coenonympha tullia nipisiquit*		QC NB	May 2000
Molluscs (12)					
Δ ↔	Bean, Rayed	*Villosa fabalis*		ON	May 2000
Δ	Forestsnail, Oregon	*Allogona townsendiana*		BC	Nov 2002
Δ	Hickorynut, Round	*Obovaria subrotunda*		ON	May 2003
Δ	Kidneyshell	*Ptychobranchus fasciolaris*		ON	May 2003
Δ ↔	Lampmussel, Wavy-rayed	*Lampsilis fasciola*		ON	Oct 1999
Δ	Mussel, Mudpuppy	*Simpsonaias ambigua*		ON	May 2001
Δ ↔	Physa, Hotwater	*Physella wrighti*		BC	May 2000
Δ	Pigtoe, Round	*Pleurobema sintoxia*		ON	May 2004

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
▲* ↔	Riffleshell, Northern	*Epioblasma torulosa rangiana*		ON	May 2000
▲ ↑	Snail, Banff Springs	*Physella johnsoni*		AB	May 2000
▲	Snail, Lake Winnipeg Physa	*Physa* sp.		MB	Nov 2002
▲	Snuffbox	*Epioblasma triquetra*		ON	May 2001
Vascular Plants (68)					
▲* ↔	Agalinis, Gattinger's	*Agalinis gattingeri*		ON	May 2001
▲ ↔	Agalinis, Skinner's	*Agalinis skinneriana*		ON	May 2000
▲ ↔	Ammannia, Scarlet	*Ammannia robusta*		BC ON	May 2001
▲ ↔	Avens, Eastern Mountain	*Geum peckii*		NS	May 2000
▲ ↔	Balsamroot, Deltoid	*Balsamorhiza deltoidea*		BC	May 2000
▲ ↔	Bluehearts	*Buchnera americana*		ON	May 2000
▲* ↔	Braya, Long's	*Braya longii*		NL	May 2000
▲	Bugbane, Tall	*Actaea elata*		BC	May 2001
▲ ↑	Bulrush, Bashful	*Trichophorum planifolium*		ON	May 2000
▲ ↔	Bush-clover, Slender	*Lespedeza virginica*		ON	May 2000
▲ ↔	Buttercup, Water-plantain	*Ranunculus alismaefolius* var. *alismaefolius*		BC	May 2000
▲	Butternut	*Juglans cinerea*		ON QC NB	Nov 2003
▲ ↔	Cactus, Eastern Prickly Pear	*Opuntia humifusa*		ON	May 2000
▲	Catchfly, Coastal Scouler's	*Silene scouleri* ssp. *grandis*		BC	May 2003
▲ ↑	Chestnut, American	*Castanea dentata*		ON	Nov 2004
▲	Collomia, Slender	*Collomia tenella*		BC	Nov 2003
▲ ↔	Coreopsis, Pink	*Coreopsis rosea*		NS	May 2000
▲ ↔	Cryptanthe, Tiny	*Cryptantha minima*		AB SK	May 2000
▲ ↔	Fern, Southern Maidenhair	*Adiantum capillus-veneris*		BC	May 2000
▲ ↑	Fringed-orchid, Eastern Prairie	*Platanthera leucophaea*		ON	May 2003
▲ ↔	Fringed-orchid, Western Prairie	*Platanthera praeclara*		MB	May 2000
▲ ↔	Gentian, White Prairie	*Gentiana alba*		ON	May 2001
▲ ↔	Ginseng, American	*Panax quinquefolius*		ON QC	May 2000

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ° ↑	Goat's-rue, Virginia	*Tephrosia virginiana*		ON	May 2000
Δ ↔	Goldenrod, Showy	*Solidago speciosa*		ON	May 2000
Δ	Grass, Forked Three-awned	*Aristida basiramea*		ON QC	Nov 2002
Δ ↔	Lady's-slipper, Small White	*Cypripedium candidum*		MB ON	May 2000
Δ ↑	Lipocarpha, Small-flowered	*Lipocarpha micrantha*		BC ON	Nov 2002
Δ ↔	Lotus, Seaside Birds-foot	*Lotus formosissimus*		BC	May 2000
Δ ↔	Lousewort, Furbish's	*Pedicularis furbishiae*		NB	May 2000
Δ ↔	Lupine, Prairie	*Lupinus lepidus* var. *lepidus*		BC	May 2000
Δ	Lupine, Streambank	*Lupinus rivularis*		BC	Nov 2002
Δ ↔	Milkwort, Pink	*Polygala incarnata*		ON	May 2000
Δ ↔	Mountain-mint, Hoary	*Pycnanthemum incanum*		ON	May 2000
Δ ↔	Mulberry, Red	*Morus rubra*		ON	May 2000
Δ ↔	Owl-clover, Bearded	*Triphysaria versicolor* ssp. *versicolor*		BC	May 2000
Δ	Owl-clover, Rosy	*Orthocarpus bracteosus*		BC	May 2004
Δ° ↑	Paintbrush, Golden	*Castilleja levisecta*		BC	May 2000
Δ ↔	Plantain, Heart-leaved	*Plantago cordata*		ON	May 2000
Δ ↔	Pogonia, Large Whorled	*Isotria verticillata*		ON	May 2000
Δ ↔	Pogonia, Nodding	*Triphora trianthophora*		ON	May 2000
Δ ↔	Pogonia, Small Whorled	*Isotria medeoloides*		ON	May 2000
Δ	Pussytoes, Stoloniferous	*Antennaria flagellaris*		BC	May 2004
Δ ↔	Quillwort, Engelmann's	*Isoëtes engelmannii*		ON	May 2001
Δ	Rush, Kellogg's	*Juncus kelloggii*		BC	May 2003
Δ	Sand-verbena, Pink	*Abronia umbellata*		BC	May 2004
Δ ↑	Sand-verbena, Small-flowered	*Tripterocalyx micranthus*		AB SK	Nov 2002
Δ	Sandwort, Dwarf	*Minuartia pusilla*		BC	May 2004
Δ	Sanicle, Bear's-foot	*Sanicula arctopoides*		BC	May 2001
Δ ↑	Sedge, False Hop	*Carex lupuliformis*		ON QC	May 2000

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
▲ ↔	Sedge, Juniper	*Carex juniperorum*		ON	May 2000
Δ	Spike-rush, Horsetail	*Eleocharis equisetoides*		ON	Nov 2000
Δ ↔	Sundew, Thread-leaved	*Drosera filiformis*		NS	May 2001
▲ ↔	Thistle, Pitcher's	*Cirsium pitcheri*		ON	May 2000
Δ	Tonella, Small-flowered	*Tonella tenella*		BC	Nov 2003
▲ ↔	Toothcup	*Rotala ramosior*		BC ON	May 2000
▲ ↔	Tree, Cucumber	*Magnolia acuminata*		ON	May 2000
Δ	Trefoil, Bog Bird's-foot	*Lotus pinnatus*		BC	May 2004
▲ ↔	Trillium, Drooping	*Trillium flexipes*		ON	May 2000
Δ	Triteleia, Howell's	*Triteleia howellii*		BC	May 2003
▲* ↔	Twayblade, Purple	*Liparis liliifolia*		ON	May 2001
Δ ↑	Violet, Bird's-foot	*Viola pedata*		ON	May 2002
Δ	Willow, Barrens	*Salix jejuna*		NL	May 2001
▲ ↔	Wintergreen, Spotted	*Chimaphila maculata*		ON QC	May 2000
▲* ↔	Wood-poppy	*Stylophorum diphyllum*		ON	May 2000
▲ ↑	Woodsia, Blunt-lobed	*Woodsia obtusa*		ON QC	May 2000
Δ	Woolly-heads, Dwarf	*Psilocarphus brevissimus*		BC	Nov 2003
Δ	Woolly-heads, Tall	*Psilocarphus elatior*	Pacific population	BC	May 2001
Mosses (6)					
Δ	Cord-moss, Rusty	*Entosthodon rubiginosus*		BC	Nov 2004
Δ	Moss, Margined Streamside	*Scouleria marginata*		BC	Nov 2002
Δ	Moss, Poor Pocket	*Fissidens pauperculus*		BC	Nov 2001
▲* ↑	Moss, Rigid Apple	*Bartramia stricta*		BC	May 2000
Δ	Moss, Silver Hair	*Fabronia pusilla*		BC	Nov 2002
Δ	Moss, Spoon-leaved	*Bryoandersonia illecebra*		ON	May 2003
Lichens (2)					
Δ	Lichen, Boreal Felt	*Erioderma pedicellatum*	Atlantic population	NB NS	May 2002
▲ ↔	Seaside Centipede	*Heterodermia sitchensis*		BC	May 2000

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (14)					
Δ ↑	Bat, Pallid	*Antrozous pallidus*		BC	May 2000
Δ	Bison, Plains	*Bison bison bison*		BC AB SK MB	May 2004
Δ ↔	Bison, Wood	*Bison bison athabascae*		YT NT BC AB	May 2000
Δ ↔	Caribou, Woodland	*Rangifer tarandus caribou*	Boreal population	NT BC AB SK MB ON QC NL	May 2002
Δ ↔	Caribou, Woodland	*Rangifer tarandus caribou*	Southern Mountain population	BC AB	May 2002
Δ ↑	Ermine *haidarum* subspecies	*Mustela erminea haidarum*		BC	May 2001
Δ ↑	Fox, Grey	*Urocyon cinereoargenteus*		MB ON	May 2002
Δ ↔	Otter, Sea	*Enhydra lutris*		BC Pacific Ocean	May 2000
Δ* ↔	Shrew, Pacific Water	*Sorex bendirii*		BC	May 2000
Δ ↓	Whale, Beluga	*Delphinapterus leucas*	St. Lawrence Estuary population	QC Atlantic Ocean	May 2004
Δ ↻	Whale, Beluga	*Delphinapterus leucas*	Cumberland Sound population	NU Arctic Ocean	May 2004
Δ ↔	Whale, Humpback	*Megaptera novaeangliae*	North Pacific population	Pacific Ocean	May 2003
Δ* ↑	Whale, Killer	*Orcinus orca*	Northeast Pacific transient population	Pacific Ocean	Nov 2001
Δ* ↻	Whale, Killer	*Orcinus orca*	Northeast Pacific northern resident population	Pacific Ocean	Nov 2001
Birds (10)					
Δ	Albatross, Short-tailed	*Phoebastria albatrus*		BC	Nov 2003
Δ ↑	Bittern, Least	*Ixobrychus exilis*		MB ON QC NB	Nov 2001
Δ ↔	Falcon *anatum* subspecies, Peregrine	*Falco peregrinus anatum*		YT NT NU BC AB SK MB ON QC NB NS NL	May 2000
Δ ↑	Goshawk *laingi* subspecies, Northern	*Accipiter gentilis laingi*		BC	Nov 2000
Δ ↑	Gull, Ross's	*Rhodostethia rosea*		NT NU MB	Nov 2001
Δ ↔	Murrelet, Marbled	*Brachyramphus marmoratus*		BC	Nov 2000
Δ ↔	Pipit, Sprague's	*Anthus spragueii*		AB SK MB	May 2000
Δ	Shearwater, Pink-footed	*Puffinus creatopus*		BC	May 2004

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ ↔	Shrike *excubitorides* subspecies, Loggerhead	*Lanius ludovicianus excubitorides*		AB SK MB	May 2004
Δ ↔	Warbler, Hooded	*Wilsonia citrina*		ON	Nov 2000
Reptiles (13)					
Δ ↔	Foxsnake, Eastern	*Elaphe gloydi*		ON	May 2000
Δ ↑	Gartersnake, Butler's	*Thamnophis butleri*		ON	Nov 2001
Δ	Gophersnake, Great Basin	*Pituophis catenifer deserticola*		BC	May 2002
Δ ↔	Massasauga	*Sistrurus catenatus*		ON	Nov 2002
Δ ↑	Racer, Eastern Yellow-bellied	*Coluber constrictor flaviventris*		SK	Nov 2004
Δ ↔	Ratsnake, Eastern	*Elaphe obsoleta*		ON	May 2000
Δ	Rattlesnake, Western	*Crotalus oreganus*		BC	May 2004
Δ	Ribbonsnake, Eastern	*Thamnophis sauritus*	Atlantic population	NS	May 2002
Δ ↑	Snake, Eastern Hog-nosed	*Heterodon platirhinos*		ON	Nov 2001
Δ ↔	Snake, Queen	*Regina septemvittata*		ON	May 2000
Δ ↔	Softshell, Spiny	*Apalone spinifera*		ON QC	May 2002
Δ	Stinkpot	*Sternotherus odoratus*		ON QC	May 2002
Δ	Turtle, Blanding's	*Emydoidea blandingii*	Nova Scotia population	NS	Apr 1993
Amphibians (5)					
Δ* ↑	Salamander, Allegheny Mountain Dusky	*Desmognathus ochrophaeus*		QC	Nov 2001
Δ ↑	Salamander, Coastal Giant	*Dicamptodon tenebrosus*		BC	Nov 2000
Δ	Salamander, Jefferson	*Ambystoma jeffersonianum*		ON	Nov 2000
Δ ↑	Spadefoot, Great Basin	*Spea intermontana*		BC	Nov 2001
Δ* ↔	Toad, Fowler's	*Bufo fowleri*		ON	Nov 2000
Fishes (23)					
Δ	Bass, Striped	*Morone saxatilis*	Southern Gulf of St. Lawrence population	QC NB PE NS	Nov 2004
Δ	Bass, Striped	*Morone saxatilis*	Bay of Fundy population	NB NS	Nov 2004
Δ	Bocaccio	*Sebastes paucispinis*		Pacific Ocean	Nov 2002
Δ* ↑	Chubsucker, Lake	*Erimyzon sucetta*		ON	Nov 2001

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ	Cisco, Blackfin	*Coregonus nigripinnis*		ON	Apr 1988
Δ ↔	Cisco, Shortjaw	*Coregonus zenithicus*		NT AB SK MB ON	May 2003
Δ	Cisco, Shortnose	*Coregonus reighardi*		ON	Apr 1987
Δ ↻	Cod, Atlantic	*Gadus morhua*	Laurentian North population	Atlantic Ocean	May 2003
Δ	Cusk	*Brosme brosme*		Atlantic Ocean	May 2003
Δ ↔	Darter, Channel	*Percina copelandi*		ON QC	May 2002
Δ* ↔	Darter, Eastern Sand	*Ammocrypta pellucida*		ON QC	Nov 2000
Δ ↑	Gar, Spotted	*Lepisosteus oculatus*		ON	Nov 2000
Δ ↑	Lamprey, Cowichan Lake	*Lampetra macrostoma*		BC	Nov 2000
Δ* ↑	Minnow, Western Silvery	*Hybognathus argyritis*		AB	Nov 2001
Δ	Redhorse, Black	*Moxostoma duquesnei*		ON	Apr 1988
Δ ↑	Sculpin, Cultus Pygmy	*Cottus* sp.		BC	Nov 2000
Δ	Sculpin, Deepwater	*Myoxocephalus thompsoni*	Great Lakes populations	ON	Apr 1987
Δ ↔	Sculpin, Shorthead	*Cottus confusus*		BC	May 2001
Δ ↑	Shiner, Carmine	*Notropis percobromus*		MB	Nov 2001
Δ ↔	Smelt, Lake Utopia Dwarf	*Osmerus* sp.		NB	May 2000
Δ	Whitefish, Lake	*Coregonus clupeaformis*	Lake Simcoe population	ON	Apr 1987
Δ	Wolffish, Northern	*Anarhichas denticulatus*		Arctic Ocean Atlantic Ocean	May 2001
Δ	Wolffish, Spotted	*Anarhichas minor*		Arctic Ocean Atlantic Ocean	May 2001
Arthropods (5)					
Δ	Hairstreak, Behr's (Columbia)	*Satyrium behrii columbia*		BC	Nov 2000
Δ	Metalmark, Mormon	*Apodemia mormo*	Prairie population	SK	May 2003
Δ	Skipper, Dakota	*Hesperia dacotae*		SK MB	Nov 2003
Δ	Skipper, Dun	*Euphyes vestris*	Western population	BC	Nov 2000
Δ	Skipperling, Poweshiek	*Oarisma poweshiek*		MB	Nov 2003
Molluscs (2)					
Δ ↔	Abalone, Northern	*Haliotis kamtschatkana*		Pacific Ocean	May 2000
Δ	Jumping-slug, Dromedary	*Hemphillia dromedarius*		BC	May 2003
Vascular Plants (44)					

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ ↔	Aster, Anticosti	*Symphyotrichum anticostense*		QC NB	May 2000
▲ ↑	Aster, Crooked-stem	*Symphyotrichum prenanthoides*		ON	May 2002
Δ ↑	Aster, Gulf of St. Lawrence	*Symphyotrichum laurentianum*		QC NB PE	May 2004
Δ ↑	Aster, Western Silvery	*Symphyotrichum sericeum*		MB ON	May 2000
Δ ↔	Aster, White Wood	*Eurybia divaricata*		ON QC	Nov 2002
▲* ↔	Aster, White-top	*Sericocarpus rigidus*		BC	May 2000
▲ ↑	Aster, Willowleaf	*Symphyotrichum praealtum*		ON	May 2003
Δ ↑	Bartonia, Branched	*Bartonia paniculata* ssp. *paniculata*		ON	Nov 2003
Δ ↑	Blazing Star, Dense	*Liatris spicata*		ON	May 2001
Δ ↔	Blue-flag, Western	*Iris missouriensis*		AB	May 2000
▲ ↔	Braya, Fernald's	*Braya fernaldii*		NL	May 2000
▲ ↑	Buffalograss	*Buchloë dactyloides*		SK MB	Nov 2001
Δ ↔	Coffee-tree, Kentucky	*Gymnocladus dioicus*		ON	Nov 2000
Δ ↔	Colicroot	*Aletris farinosa*		ON	Nov 2000
Δ	Corydalis, Scouler's	*Corydalis scouleri*		BC	May 2001
Δ	Daisy, Lakeside	*Hymenoxys herbacea*		ON	May 2002
Δ ↔	Deerberry	*Vaccinium stamineum*		ON	Nov 2000
Δ	Fern, Lemmon's Holly	*Polystichum lemmonii*		BC	May 2003
▲ ↔	Gentian, Plymouth	*Sabatia kennedyana*		NS	May 2000
Δ ↑	Gentian, Victorin's	*Gentianopsis procera* ssp. *macounii* var. *victorinii*		QC	May 2004
▲ ↔	Golden Crest	*Lophiola aurea*		NS	May 2000
Δ ↔	Goldenseal	*Hydrastis canadensis*		ON	May 2000
▲* ↔	Greenbrier, Round-leaved	*Smilax rotundifolia*	Great Lakes Plains population	ON	May 2001
Δ ↑	Hackberry, Dwarf	*Celtis tenuifolia*		ON	Nov 2003
Δ ↑	Hoptree, Common	*Ptelea trifoliata*		ON	Nov 2002
Δ ↑	Hyacinth, Wild	*Camassia scilloides*		ON	May 2002
Δ	Iris, Dwarf Lake	*Iris lacustris*		ON	Nov 2004
Δ ↔	Jacob's-ladder, Van Brunt's	*Polemonium vanbruntiae*		QC	Nov 2002
Δ	Lily, Lyall's Mariposa	*Calochortus lyallii*		BC	May 2001

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ ↑	Meadowfoam, Macoun's	*Limnanthes macounii*		BC	Nov 2004
Δ ↔	Mosquito-fern, Mexican	*Azolla mexicana*		BC	May 2000
Δ* ↓	Mouse-ear-cress, Slender	*Halimolobos virgata*		AB SK	May 2000
Δ ↑	Orchid, Phantom	*Cephalanthera austiniae*		BC	May 2000
Δ	Phlox, Showy	*Phlox speciosa* ssp. *occidentalis*		BC	Nov 2004
Δ* ↔	Prairie-clover, Hairy	*Dalea villosa* var. *villosa*		SK MB	May 2000
Δ ↔	Redroot	*Lachnanthes caroliana*		NS	May 2000
Δ	Sanicle, Purple	*Sanicula bipinnatifida*		BC	May 2001
Δ ↑	Soapweed	*Yucca glauca*		AB	May 2000
Δ ↔	Spiderwort, Western	*Tradescantia occidentalis*		AB SK MB	Nov 2002
Δ	Spike-rush, Tubercled	*Eleocharis tuberculosa*		NS	May 2000
Δ	Thistle, Hill's	*Cirsium hillii*		ON	Nov 2004
Δ ↔	Violet, Yellow Montane	*Viola praemorsa* ssp. *praemorsa*		BC	May 2000
Δ ↔	Water-pennywort	*Hydrocotyle umbellata*		NS	May 2000
Δ ↔	Water-willow, American	*Justicia americana*		ON QC	May 2000
Mosses (3)					
Δ	Bryum, Porsild's	*Mielichhoferia macrocarpa*		NU BC AB NL	Nov 2003
Δ	Moss, Alkaline Wing-nerved	*Pterygoneurum kozlovii*		BC SK	Nov 2004
Δ	Moss, Haller's Apple	*Bartramia halleriana*		BC AB	Nov 2001
Lichens (1)					
Δ	Jellyskin, Flooded	*Leptogium rivulare*		MB ON	May 2004

SPECIAL CONCERN CATEGORY (141)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (27)					
Δ ↔	Bat, Spotted	*Euderma maculatum*		BC	May 2004
Δ ↔	Bear, Grizzly	*Ursus arctos*	Northwestern population	YT NT NU BC AB	May 2002
Δ* ↔	Bear, Polar	*Ursus maritimus*		YT NT NU MB ON QC NL	Nov 2002
Δ ↔	Beaver, Mountain	*Aplodontia rufa*		BC	Nov 2001
Δ ↻	Caribou, Barren-ground	*Rangifer tarandus groenlandicus*	Dolphin and Union population	NT NU	May 2004
Δ ↑	Caribou, Woodland	*Rangifer tarandus caribou*	Northern Mountain population	YT NT BC	May 2002
Δ	Cottontail *nuttallii* subspecies, Nuttall's	*Sylvilagus nuttallii nuttallii*		BC	Apr 1994
Δ	Kangaroo Rat, Ord's	*Dipodomys ordii*		AB SK	Apr 1995
Δ ↔	Mole, Eastern	*Scalopus aquaticus*		ON	Nov 2000
Δ	Mouse *megalotis* subspecies, Western Harvest	*Reithrodontomys megalotis megalotis*		BC	Apr 1994
Δ ↑	Narwhal	*Monodon monceros*		Arctic Ocean	Nov 2004
Δ ○	Porpoise, Harbour	*Phocoena phocoena*	Pacific Ocean population	Pacific Ocean	Nov 2003
Δ ↓	Porpoise, Harbour	*Phocoena phocoena*	Northwest Atlantic population	Atlantic Ocean	May 2003
Δ ↔	Prairie Dog, Black-tailed	*Cynomys ludovicianus*		SK	Nov 2000
Δ ↑	Sea Lion, Steller	*Eumetopias jubatus*		BC Pacific Ocean	Nov 2003
Δ	Seal Lacs des Loups Marins subspecies, Harbour	*Phoca vitulina mellonae*		QC	Apr 1996
Δ	Shrew, Gaspé	*Sorex gaspensis*		QC NB NS	Apr 1988
Δ	Squirrel, Southern Flying	*Glaucomys volans*		ON QC NS	Apr 1988
Δ ↔	Vole, Woodland	*Microtus pinetorum*		ON QC	Nov 2001
Δ ↻	Whale, Beluga	*Delphinapterus leucas*	Western Hudson Bay population	NU MB ON Arctic Ocean Atlantic Ocean	May 2004
Δ ↔	Whale, Beluga	*Delphinapterus leucas*	Eastern High Arctic - Baffin Bay population	NU Arctic Ocean	May 2004
Δ	Whale, Fin	*Balaenoptera physalus*		Pacific Ocean Atlantic Ocean	Apr 1987

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ ↑	Whale, Grey	*Eschrichtius robustus*	Eastern North Pacific population	Pacific Ocean Arctic Ocean	May 2004
Δ	Whale, Killer	*Orcinus orca*	Northeast Pacific offshore population	Pacific Ocean	Nov 2001
Δ	Whale, Sowerby's Beaked	*Mesoplodon bidens*		Atlantic Ocean	Apr 1989
Δ ○	Wolf, Eastern	*Canis lupus lycaon*		ON QC	May 2001
Δ ↔	Wolverine	*Gulo gulo*	Western population	YT NT NU BC AB SK MB ON	May 2003
Birds (22)					
Δ ↔	Chat *virens* subspecies, Yellow-breasted	*Icteria virens virens*		ON	Nov 2000
Δ ↔	Curlew, Long-billed	*Numenius americanus*		BC AB SK	Nov 2002
Δ ↓	Duck, Harlequin	*Histrionicus histrionicus*	Eastern population	NU QC NB NS NL	May 2001
Δ ↔	Falcon *pealei* subspecies, Peregrine	*Falco peregrinus pealei*		BC	Nov 2001
↓	Falcon *tundrius* subspecies, Peregrine	*Falco peregrinus tundrius*		YT NT NU QC NL	Apr 1992
Δ	Goldeneye, Barrow's	*Bucephala islandica*	Eastern population	QC NB PE NS NL	Nov 2000
Δ ↔	Gull, Ivory	*Pagophila eburnea*		YT NT NU NL	Nov 2001
↓	Hawk, Ferruginous	*Buteo regalis*		AB SK MB	Apr 1995
↔	Hawk, Red-shouldered	*Buteo lineatus*		ON QC NB	Apr 1996
Δ	Heron *fannini* subspecies, Great Blue	*Ardea herodias fannini*		BC	Apr 1997
Δ ↔	Murrelet, Ancient	*Synthliboramphus antiquus*		BC	Nov 2004
Δ ↔	Owl, Barn	*Tyto alba*	Western population	BC	Nov 2001
Δ ↔	Owl, Flammulated	*Otus flammeolus*		BC	Nov 2001
Δ	Owl, Short-eared	*Asio flammeus*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1994
Δ ↔	Rail, Yellow	*Coturnicops noveboracensis*		NT BC AB SK MB ON QC NB	Nov 2001
Δ ↻	Screech-Owl *kennicottii* subspecies, Western	*Megascops kennicottii kennicottii*		BC	May 2002
Δ ↔	Sparrow *princeps* subspecies, Savannah	*Passerculus sandwichensis princeps*		NS	May 2000
Δ	Thrush, Bicknell's	*Catharus bicknelli*		QC NB NS	Apr 1999
Δ ↔	Warbler, Cerulean	*Dendroica cerulea*		ON QC	May 2003

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
↔	Waterthrush, Louisiana	*Seiurus motacilla*		ON QC	Apr 1996
▲ ↔	Woodpecker, Lewis's	*Melanerpes lewis*		BC	Nov 2001
Δ	Woodpecker, Red-headed	*Melanerpes erythrocephalus*		SK MB ON QC	Apr 1996
Reptiles (9)					
Δ	Boa, Rubber	*Charina bottae*		BC	May 2003
Δ	Lizard, Greater Short-horned	*Phrynosoma hernandesi*		AB SK	Apr 1992
Δ	Milksnake	*Lampropeltis triangulum*		ON QC	May 2002
Δ ↑	Racer, Western Yellow-bellied	*Coluber constrictor mormon*		BC	Nov 2004
Δ	Ribbonsnake, Eastern	*Thamnophis sauritus*	Great Lakes population	ON	May 2002
Δ	Skink, Five-lined	*Eumeces fasciatus*		ON	Apr 1998
Δ	Skink, Western	*Eumeces skiltonianus*		BC	May 2002
Δ	Turtle, Northern Map	*Graptemys geographica*		ON QC	May 2002
Δ	Turtle, Wood	*Glyptemys insculpta*		ON QC NB NS	Apr 1996
Amphibians (7)					
Δ	Frog, Coast Tailed	*Ascaphus truei*		BC	May 2000
▲ ↔	Frog, Northern Leopard	*Rana pipiens*	Western Boreal/Prairie populations	NT AB SK MB	Nov 2002
Δ ↔	Frog, Red-legged	*Rana aurora*		BC	Nov 2004
▲* ↔	Salamander, Coeur d'Alene	*Plethodon idahoensis*		BC	Nov 2001
▲ ↔	Salamander, Spring	*Gyrinophilus porphyriticus*		ON QC	May 2002
▲ ↔	Toad, Great Plains	*Bufo cognatus*		AB SK MB	May 2002
Δ	Toad, Western	*Bufo boreas*		YT NT BC AB	Nov 2002
Fishes (30)					
Δ	Buffalo, Bigmouth	*Ictiobus cyprinellus*		SK MB ON	Apr 1989
Δ	Buffalo, Black	*Ictiobus niger*		ON	Apr 1989
Δ ↔	Chub, Silver	*Macrhybopsis storeriana*		MB ON	May 2001
Δ ○	Cisco, Bering	*Coregonus laurettae*		YT	Nov 2004
Δ	Cisco, Spring	*Coregonus* sp.		QC	Apr 1992
Δ ↻	Cod, Atlantic	*Gadus morhua*	Arctic population	Arctic Ocean	May 2003
Δ ↻	Cod, Atlantic	*Gadus morhua*	Maritimes population	Atlantic Ocean	May 2003
Δ	Dace, Redside	*Clinostomus elongatus*		ON	Apr 1987

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ	Dace, Umatilla	*Rhinichthys umatilla*		BC	Apr 1988
Δ	Darter, Greenside	*Etheostoma blennioides*		ON	Apr 1990
Δ ↔	Killifish, Banded	*Fundulus diaphanus*	Newfoundland population	NL	May 2003
Δ	Kiyi	*Coregonus kiyi*		ON	Apr 1988
Δ	Lamprey, Chestnut	*Ichthyomyzon castaneus*		SK MB	Apr 1991
Δ	Lamprey, Northern Brook	*Ichthyomyzon fossor*		MB ON QC	Apr 1991
Δ ↔	Minnow, Pugnose	*Opsopoeodus emiliae*		ON	May 2000
↔	Redhorse, River	*Moxostoma carinatum*		ON QC	Apr 1987
Δ	Sculpin, Columbia Mottled	*Cottus bairdi hubbsi*		BC	May 2000
Δ* ↔	Shiner, Bridle	*Notropis bifrenatus*		ON QC	Nov 2001
↔	Shiner, Silver	*Notropis photogenis*		ON	Apr 1987
Δ	Stickleback, Charlotte Unarmoured	*Gasterosteus* sp.		BC	Apr 1983
Δ	Stickleback, Giant	*Gasterosteus* sp.		BC	Apr 1980
Δ ↔	Sturgeon, Green	*Acipenser medirostris*		BC	Nov 2004
Δ	Sturgeon, Shortnose	*Acipenser brevirostrum*		NB	Apr 1980
Δ* ↔	Sucker, Spotted	*Minytrema melanops*		ON	Nov 2001
Δ	Sunfish, Orangespotted	*Lepomis humilis*		ON	Apr 1989
Δ	Sunfish, Redbreast	*Lepomis auritus*		NB	Apr 1989
Δ ↔	Topminnow, Blackstripe	*Fundulus notatus*		ON	May 2001
Δ* ↔	Warmouth	*Lepomis gulosus*		ON	Nov 2001
Δ	Whitefish, Squanga	*Coregonus* sp.		YT	Apr 1987
Δ	Wolffish, Atlantic	*Anarhichas lupus*		Atlantic Ocean	Nov 2000
Arthropods (2)					
Δ ↔	Monarch	*Danaus plexippus*		BC AB SK MB ON QC NB PE NS	Nov 2001
Δ	Weidemeyer's Admiral	*Limenitis weidemeyerii*		AB	May 2000
Molluscs (4)					
Δ	Jumping-slug, Warty	*Hemphillia glandulosa*		BC	May 2003
Δ	Lampmussel, Yellow	*Lampsilis cariosa*		NB NS	May 2004
Δ	Mussel, Rocky Mountain Ridged	*Gonidea angulata*		BC	Nov 2003
Δ	Oyster, Olympia	*Ostrea conchaphila*		BC	Nov 2000

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Vascular Plants (34)					
Δ ↓	Ash, Blue	*Fraxinus quadrangulata*		ON	Nov 2000
Δ	Aster, Bathurst	*Symphyotrichum subulatum*	Bathurst population	NB	Apr 1992
Δ	Beggarticks, Vancouver Island	*Bidens amplissima*		BC	Nov 2001
Δ	Bulrush, Long's	*Scirpus longii*		NS	Apr 1994
Δ	Columbo, American	*Frasera caroliniensis*		ON	Apr 1993
Δ	Fern, American Hart's-tongue	*Asplenium scolopendrium*		ON	Nov 2000
Δ	Fern, Broad Beech	*Phegopteris hexagonoptera*		ON QC	Apr 1983
Δ ↔	Fern, Coastal Wood	*Dryopteris arguta*		BC	Nov 2001
Δ	Fleabane, Provancher's	*Erigeron philadelphicus* var. *provancheri*		QC	Apr 1992
Δ	Goldenrod, Riddell's	*Solidago riddellii*		MB ON	Nov 2000
Δ	Goosefoot, Smooth	*Chenopodium subglabrum*		AB SK MB	Apr 1992
Δ	Green Dragon	*Arisaema dracontium*		ON QC	Apr 1984
Δ ↔	Hairgrass, Mackenzie	*Deschampsia mackenzieana*		SK	Nov 2001
↓	Helleborine, Giant	*Epipactis gigantea*		BC	Apr 1998
Δ* ↔	Indian-plantain, Tuberous	*Arnoglossum plantagineum*		ON	May 2002
Δ ↔	Lilaeopsis, Eastern	*Lilaeopsis chinensis*		NS	May 2004
Δ	Locoweed, Hare-footed	*Oxytropis lagopus*		AB	Apr 1995
Δ ↔	Milk-vetch, Fernald's	*Astragalus robbinsii* var. *fernaldii*		QC NL	Nov 2001
↔	Oak, Shumard	*Quercus shumardii*		ON	Apr 1999
Δ* ↓	Pepperbush, Sweet	*Clethra alnifolia*		NS	May 2001
Δ	Pondweed, Hill's	*Potamogeton hillii*		ON	Apr 1986
Δ	Quillwort, Bolander's	*Isoëtes bolanderi*		AB	Apr 1995
Δ* ↓	Rose, Climbing Prairie	*Rosa setigera*		ON	May 2003
Δ ↔	Rose-mallow, Swamp	*Hibiscus moscheutos*		ON	Nov 2004
Δ	Rue-anemone, False	*Enemion biternatum*		ON	Apr 1990
Δ ↔	Rush, New Jersey	*Juncus caesariensis*		NS	May 2004
Δ	Tansy, Floccose	*Tanacetum huronense* var. *floccosum*		SK	May 2000

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ ↔	Thrift, Athabasca	*Armeria maritima* ssp. *interior*		SK	May 2002
Δ ↔	Water-hemlock, Victorin's	*Cicuta maculata* var. *victorinii*		QC	May 2004
Δ	Willow, Felt-leaf	*Salix silicicola*		NU SK	May 2000
Δ	Willow, Sand-dune Short-capsuled	*Salix brachycarpa* var. *psammophila*		SK	May 2000
Δ	Willow, Turnor's	*Salix turnorii*		SK	May 2000
Δ	Woolly-heads, Tall	*Psilocarphus elatior*	Prairie population	AB SK	May 2001
Δ	Yarrow, Large-headed Woolly	*Achillea millefolium* var. *megacephalum*		SK	May 2000
Mosses (2)					
Δ	Moss, Columbian Carpet	*Bryoerythrophyllum columbianum*		BC	May 2004
Δ	Moss, Twisted Oak	*Syntrichia laevipila*		BC	May 2004
Lichens (4)					
Δ	Cryptic Paw	*Nephroma occultum*		BC	Apr 1995
Δ	Lichen, Boreal Felt	*Erioderma pedicellatum*	Boreal population	NL	May 2002
Δ	Oldgrowth Specklebelly	*Pseudocyphellaria rainierensis*		BC	Apr 1996
Δ	Seaside Bone	*Hypogymnia heterophylla*		BC	Apr 1996

Table 8. Species assessed by COSEWIC and found to be in the Not at Risk category (149 species), with range of occurrence (by province, territory or ocean) and date of last assessment. Note that species in the Not at Risk category will normally only be reassessed if new information suggests that the species is at risk (Extirpated, Endangered, Threatened or Special Concern), or Extinct.

NOT AT RISK CATEGORY (149)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (43)					
Δ ↻	Badger *taxus* subspecies, American	*Taxidea taxus taxus*		AB SK MB	May 2000
↔	Bear, American Black	*Ursus americanus*		YT NT NU BC AB SK MB ON QC NB NS NL	Apr 1999
Δ ↔	Caribou, Woodland	*Rangifer tarandus caribou*	Newfoundland population	NL	May 2002
↔	Cottontail *pinetis* subspecies, Nuttall's	*Sylvilagus nuttallii pinetis*		AB SK	Apr 1994
Δ	Dolphin, Atlantic White-sided	*Lagenorhynchus acutus*		Atlantic Ocean	Apr 1991
Δ	Dolphin, Bottlenose	*Tursiops truncatus*		Atlantic Ocean	Apr 1993
Δ	Dolphin, Common	*Delphinus delphis*		Pacific Ocean Atlantic Ocean	Apr 1991
Δ	Dolphin, Northern Right Whale	*Lissodelphis borealis*		Pacific Ocean	Apr 1990
Δ	Dolphin, Pacific White-sided	*Lagenorhynchus obliquidens*		Pacific Ocean	Apr 1990
Δ	Dolphin, Risso's	*Grampus griseus*		Pacific Ocean Atlantic Ocean	Apr 1990
Δ	Dolphin, Striped	*Stenella coeruleoalba*		Pacific Ocean Atlantic Ocean	Apr 1993
Δ	Dolphin, White-beaked	*Lagenorhynchus albirostris*		Atlantic Ocean	Apr 1998
√	Gopher, Plains Pocket	*Geomys bursarius*		MB	Apr 1998
Δ ↔	Lynx, Canada	*Lynx canadensis*		YT NT NU BC AB SK MB ON QC NB NS NL	May 2001
Δ	Porpoise, Dall's	*Phocoenoides dalli*		Pacific Ocean	Apr 1989
Δ	Sea Lion, California	*Zalophus californianus*		BC Pacific Ocean	Apr 1987
Δ	Seal Pacific subspecies, Harbour	*Phoca vitulina richardsi*		BC Pacific Ocean	Apr 1999
Δ	Seal, Bearded	*Erignathus barbatus*		YT NT NU NL Arctic Ocean Atlantic Ocean	Apr 1994
Δ	Seal, Grey	*Halichoerus grypus*		QC NB PE NS NL Atlantic Ocean	Apr 1999

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ		Seal, Hooded	*Cystophora cristata*		NU QC NL Atlantic Ocean	Apr 1986
Δ		Seal, Northern Elephant	*Mirounga angustirostris*		BC Pacific Ocean	Apr 1986
Δ		Seal, Northern Fur	*Callorhinus ursinus*		BC Pacific Ocean	Apr 1996
Δ		Seal, Ringed	*Phoca hispida*		YT NT NU NL Arctic Ocean Atlantic Ocean	Apr 1989
Δ		Squirrel, Cascade Mantled Ground	*Spermophilus saturatus*		BC	Apr 1992
Δ		Squirrel, Fox	*Sciurus niger*		MB ON	Apr 1979
Δ		Walrus, Atlantic	*Odobenus rosmarus rosmarus*	Eastern Arctic population	Arctic Ocean	Apr 1987
	√	Weasel, Prairie Long-tailed	*Mustela frenata longicauda*		AB SK MB	Apr 1993
Δ		Whale, Baird's Beaked	*Berardius bairdii*		Pacific Ocean	Apr 1992
Δ	↔	Whale, Beluga	*Delphinapterus leucas*	Eastern Beaufort Sea population	NT Arctic Ocean	May 2004
Δ		Whale, Blainville's Beaked	*Mesoplodon densirostris*		Atlantic Ocean	Apr 1989
Δ		Whale, Cuvier's Beaked	*Ziphius cavirostris*		Pacific Ocean Atlantic Ocean	Apr 1990
Δ		Whale, False Killer	*Pseudorca crassidens*		Pacific Ocean	Apr 1990
Δ		Whale, Hubbs' Beaked	*Mesoplodon carlhubbsi*		Pacific Ocean	Apr 1989
Δ	√	Whale, Humpback	*Megaptera novaeangliae*	Western North Atlantic population	Atlantic Ocean	May 2003
Δ		Whale, Long-finned Pilot	*Globicephala melas*		Atlantic Ocean	Apr 1994
Δ		Whale, Northern Bottlenose	*Hyperoodon ampullatus*	Davis Strait population	Atlantic Ocean	Apr 1993
Δ		Whale, Pygmy Sperm	*Kogia breviceps*		Pacific Ocean Atlantic Ocean	Apr 1994
Δ		Whale, Short-finned Pilot	*Globicephala macrorhynchus*		Pacific Ocean	Apr 1993
Δ		Whale, Sperm	*Physeter macrocephalus*		Pacific Ocean Atlantic Ocean	Apr 1996
Δ		Whale, Stejneger's Beaked	*Mesoplodon stejneri*		Pacific Ocean	Apr 1989
Δ		Whale, True's Beaked	*Mesoplodon mirus*		Atlantic Ocean	Apr 1989
Δ		Wolf, Northern Grey	*Canis lupus occidentalis*		YT NT NU BC AB SK MB ON QC NL	Apr 1999
Δ		Wolf, Southern Grey	*Canis lupus nubilus*		BC	Apr 1999

Taxon/ Assessment Details		Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Birds (35)						
	√	Bluebird, Eastern	*Sialia sialis*		AB SK MB ON QC NB PE NS	Apr 1996
Δ	↔	Chat *auricollis* subspecies, Yellow-breasted	*Icteria virens auricollis*	Prairie population	AB SK	Nov 2000
Δ		Coot, American	*Fulica americana*		YT NT NU BC AB SK MB ON QC NB NS	Apr 1991
Δ		Cormorant, Double-crested	*Phalocrocorax auritus*		YT NT BC AB SK MB ON QC NB PE NS NL	Apr 1978
Δ		Crane *tabida* subspecies, Sandhill	*Grus canadensis tabida*		BC MB ON	Apr 1979
Δ		Eagle, Bald	*Haliaeetus leucocephalus*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1984
	↔	Eagle, Golden	*Aquila chrysaetos*		YT NT NU BC AB SK MB ON QC NL	Apr 1996
	↔	Falcon, Prairie	*Falco mexicanus*		BC AB SK	Apr 1996
Δ		Flycatcher, Grey	*Empidonax wrightii*		BC	Apr 1992
Δ		Goshawk *atricapillus* subspecies, Northern	*Accipiter gentilis atricapillus*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1995
Δ		Grebe, Red-necked	*Podiceps grisegena*		YT NT NU BC AB SK MB ON QC NS NL	Apr 1982
	↔	Gyrfalcon	*Falco rusticolus*		YT NT NU BC AB SK ON QC PE NS NL	Apr 1987
Δ		Harrier, Northern	*Circus cyaneus*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1993
	√	Hawk, Cooper's	*Accipiter cooperii*		BC AB SK MB ON QC NB NS	Apr 1996
Δ		Hawk, Red-tailed	*Buteo jamaicensis*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1995
Δ		Hawk, Rough-legged	*Buteo lagopus*		YT NT NU BC MB ON QC NL	Apr 1995
	↔	Hawk, Sharp-shinned	*Accipiter striatus*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1997
Δ		Loon, Common	*Gavia immer*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1997
Δ		Loon, Yellow-billed	*Gavia adamsii*		YT NT NU BC AB MB QC	Apr 1997
Δ		Merlin	*Falco columbarius*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1985

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ	Owl, Boreal	*Aegolius funereus*		YT NT NU BC AB SK MB ON QC NB PE NS NL	Apr 1995
√	Owl, Great Grey	*Strix nebulosa*		YT NT BC AB SK MB ON QC	Apr 1996
Δ	Owl, Northern Hawk	*Surnia ulula*		YT NT BC AB SK MB ON QC NB NL	Apr 1992
Δ	Owl, Snowy	*Bubo scandiaca*		YT NT NU MB QC NL	Apr 1995
√	Pelican, American White	*Pelecanus erythrorhynchos*		BC AB SK MB ON	Apr 1987
Δ	Screech-Owl, Eastern	*Megascops asio*		SK MB ON QC NB	Apr 1986
√	Sparrow, Baird's	*Ammodramus bairdii*		AB SK MB	Apr 1996
Δ	Sparrow, Nelson's Sharp-tailed	*Ammodramus nelsoni*		BC AB SK MB ON QC NB PE NS	Apr 1998
√	Swan, Trumpeter	*Cygnus buccinator*		YT NT BC AB SK ON	Apr 1996
↔	Tern, Black	*Chlidonias niger*		NT BC AB SK MB ON QC NB NS	Apr 1996
√	Tern, Caspian	*Sterna caspia*		NT BC AB SK MB ON QC NL	Apr 1999
Δ	Tern, Common	*Sterna hirundo*		NT AB SK MB ON QC NB PE NS NL	Apr 1998
√	Warbler, Prairie	*Dendroica discolor*		ON	Apr 1999
Δ	Wren, Canyon	*Catherpes mexicanus*		BC	Apr 1992
Δ	Wren, Sedge	*Cistothorus platensis*		AB SK MB ON QC NB	Apr 1993
Reptiles (4)					
Δ	Brownsnake, DeKay's	*Storeria dekayi*		ON QC	May 2002
Δ	Gartersnake, Northwestern	*Thamnophis ordinoides*		BC	May 2003
Δ	Lizard, Northern Alligator	*Elgaria coerulea*		BC	May 2002
Δ	Watersnake, Northern	*Nerodia sipedon sipedon*		ON QC	May 2002
Amphibians (14)					
Δ	Ensatina	*Ensatina eschscholtzii*		BC	Apr 1999
Δ	Frog, Columbia Spotted	*Rana luteiventris*		YT BC AB	May 2000
Δ	Frog, Northern Leopard	*Rana pipiens*	Eastern population	ON QC NB NS NL	Apr 1999
Δ	Frog, Pickerel	*Rana palustris*		ON QC NB NS	Apr 1999
Δ	Frog, Western Chorus	*Pseudacris triseriata*		ON QC	May 2001
Δ	Mudpuppy	*Necturus maculosus*		MB ON QC	May 2000

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ	Salamander, Four-toed	*Hemidactylium scutatum*		ON QC NB NS	Apr 1999
Δ	Salamander, Northern Dusky	*Desmognathus fuscus*		ON QC NB	Apr 1999
Δ	Salamander, Northwestern	*Ambystoma gracile*		BC	Apr 1999
Δ	Salamander, Tiger	*Ambystoma tigrinum*	Prairie / Boreal population	AB SK MB	Nov 2001
Δ	Salamander, Western Red-backed	*Plethodon vehiculum*		BC	Nov 2001
Δ	Spadefoot, Plains	*Spea bombifrons*		AB SK MB	May 2003
Δ	Toad, Canadian	*Bufo hemiophrys*		NT AB SK MB	May 2003
Δ	Treefrog, Cope's Grey	*Hyla chrysoscelis*		MB	Apr 1999
Fishes (35)					
Δ	Bloater	*Coregonus hoyi*		ON	Apr 1988
Δ ○	Chiselmouth	*Acrocheilus alutaceus*		BC	May 2003
Δ	Chub, Hornyhead	*Nocomis biguttatus*		MB ON	Apr 1988
Δ	Chub, River	*Nocomis micropogon*		ON	Apr 1988
Δ	Dace, Leopard	*Rhinichthys falcatus*		BC	Apr 1990
Δ	Darter, Least	*Etheostoma microperca*		ON	Apr 1989
Δ	Darter, River	*Percina shumardi*		MB ON	Apr 1989
Δ	Darter, Tessellated	*Etheostoma olmstedi*		ON QC	Apr 1993
Δ	Herring, Blueback	*Alosa aestivalis*		NB NS	Apr 1980
Δ	Killifish, Banded	*Fundulus diaphanus*	Mainland population	MB ON QC NB PE NS NL	Apr 1989
Δ √	Madtom, Brindled	*Noturus miurus*		ON	May 2001
Δ	Minnow, Bluntnose	*Pimephales notatus*		MB ON QC	Apr 1998
Δ	Minnow, Cutlips	*Exoglossum maxillingua*		ON QC	Apr 1994
Δ	Minnow, Eastern Silvery	*Hybognathus regius*		ON QC	Apr 1997
Δ	Pickerel, Chain	*Esox niger*		QC NB NS	Apr 1997
Δ	Pickerel, Redfin	*Esox americanus americanus*		QC	Apr 1998
Δ	Redhorse, Golden	*Moxostoma erythrurum*		MB ON	Apr 1989
Δ √	Sardine, Pacific	*Sardinops sagax*		Pacific Ocean	May 2002
Δ	Sculpin, Fourhorn	*Myoxocephalus quadricornis*	Salt water form	Pacific Ocean Arctic Ocean Atlantic Ocean	Apr 1989

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ	Sculpin, Spoonhead	*Cottus ricei*		YT NT BC AB SK MB ON QC	Apr 1989
Δ √	Shiner, Bigmouth	*Notropis dorsalis*		MB	Nov 2003
Δ	Shiner, Blackchin	*Notropis heterodon*		MB ON QC	Apr 1994
Δ	Shiner, Ghost	*Notropis buchanani*		ON	Apr 1993
Δ	Shiner, Redfin	*Lythrurus umbratilis*		ON	Apr 1988
Δ	Shiner, Rosyface	*Notropis rubellus*		ON QC	Apr 1994
Δ	Shiner, Striped	*Luxilus chrysocephalus*		ON	Apr 1993
Δ	Shiner, Weed	*Notropis texanus*		MB	Apr 1999
Δ	Silverside, Brook	*Labidesthes sicculus*		ON QC	Apr 1989
√	Stoneroller, Central	*Campostoma anomalum*		ON	Apr 1998
Δ	Sturgeon, Lake	*Acipenser fulvescens*		AB SK MB ON QC	Apr 1986
Δ	Sucker, Mountain	*Catostomus platyrhynchus*		BC AB SK	Apr 1991
Δ	Sunfish, Green	*Lepomis cyanellus*		ON	Apr 1987
Δ	Sunfish, Longear	*Lepomis megalotis*		ON QC	Apr 1987
Δ	Wolf-eel	*Anarrhichthys ocellatus*		Pacific Ocean	May 2003
Δ	Y-Prickleback	*Allolumpenus hypochromus*		BC	Apr 1991
Arthropods (0)					
Molluscs (2)					
Δ	Capshell, Rocky Mountain	*Acroloxus coloradensis*	Western population	BC AB	Nov 2001
Δ	Crater, Spike-lip	*Appalachina sayana*		ON QC NB NS	Nov 2003
Vascular Plants (16)					
Δ	Aster, Short's	*Symphyotrichum shortii*		ON	Apr 1999
Δ	Aster, Yukon	*Symphyotrichum yukonense*		YT NT	Apr 1996
Δ	Brickellia, Large-flowered	*Brickellia grandiflora*		BC AB	Apr 1996
Δ	Fameflower	*Talinum sediforme*		BC	Apr 1990
Δ	Fleabane, Dwarf	*Erigeron radicatus*		AB SK	Apr 1996
Δ	Goldenweed, Northern Mock	*Stenotus borealis*		YT	Apr 1997
Δ	Mermaid, False	*Floerkea proserpinacoides*		ON QC NS	Apr 1984
Δ	Phlox, Blue	*Phlox alyssifolia*		AB SK	Apr 1996

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ	Pink, Rush	*Stephanomeria runcinata*		AB SK	Apr 1996
Δ	Rhododendron, Pacific	*Rhododendron macrophyllum*		BC	Apr 1997
Δ	Sagebrush, Wood's	*Artemisia rupestris* ssp. *woodii*		YT	Apr 1997
Δ	Sedge, Nebraska	*Carex nebrascensis*		AB	Apr 1995
Δ	Stitchwort, Sand	*Stellaria arenicola*		AB SK	Apr 1992
Δ	Wallflower, Narrow-leaved	*Erysimum angustatum*		YT	Apr 1993
√	Willow, Tyrrell's	*Salix tyrrellii*		NT SK	Apr 1999
Δ	Woolly-heads, Slender	*Psilocarphus tenellus* var. *tenellus*		BC	Apr 1996
Mosses (0)					
Lichens (0)					

Table 9. Species considered by COSEWIC and placed in the Data Deficient category because of insufficient scientific information at the time of assessment (34 species). The range of occurrence (by province, territory or ocean) and date of last assessment are shown. Note that species in the Data Deficient category will normally only be reassessed if new information suggests that the species is at risk (Extirpated, Endangered, Threatened or Special Concern), or Extinct.

DATA DEFICIENT CATEGORY (34)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Mammals (10)					
Δ ○	Bat, Fringed	*Myotis thysanodes*		BC	May 2004
Δ ○	Bat, Keen's Long-eared	*Myotis keenii*		BC	Nov 2003
○	Cougar	*Puma concolor couguar*	Eastern population	ON QC NB NS	Apr 1998
Δ	Mouse *dychei* subspecies, Western Harvest	*Reithrodontomys megalotis dychei*		AB	Apr 1994
Δ	Seal Altantic subspecies, Harbour	*Phoca vitulina concolor*		NU MB ON NB PE NS NL Arctic Ocean Atlantic Ocean	Apr 1999
Δ	Vole, Sagebrush	*Lemmiscus curtatus*		AB SK	Apr 1996
Δ	Whale, Dwarf Sperm	*Kogia simus*		Pacific Ocean	Apr 1997
Δ* ↔	Whale, Killer	*Orcinus orca*	Northwest Atlantic / Eastern Arctic populations	Arctic Ocean Atlantic Ocean	Nov 2001
Δ	Whale, Sei	*Balaenoptera borealis*	Atlantic population	Atlantic Ocean	May 2003
Δ	Wolf, Arctic Grey	*Canis lupus arctos*		NT NU	Apr 1999
Birds (2)					
Δ	Poorwill, Common	*Phalaenoptilus nuttallii*		BC AB SK	Apr 1993
Δ	Tern, Forster's	*Sterna forsteri*		BC AB SK MB ON	Apr 1996
Reptiles (2)					
Δ	Bullsnake	*Pituophis catenifer sayi*		AB SK	May 2002
Δ	Turtle, Eastern Box	*Terrapene carolina carolina*		ON	May 2002
Amphibians (0)					
Fishes (10)					
Δ	Catfish, Flathead	*Pylodictis olivaris*		ON	Apr 1993
Δ	Chub, Lake	*Couesius plumbeus*	Northern British Columbia Hotsprings populations	BC	Nov 2004
Δ	Lamprey, Darktail	*Lethenteron alaskense*		NT	Apr 1990

DATA DEFICIENT CATEGORY (34)

Taxon/ Assessment Details	Common Name	Scientific Name	Population Name	Range of Occurrence	Assessment Date
Δ ○	Madtom, Margined	*Noturus insignis*		ON QC	May 2002
Δ ○	Prickleback, Pighead	*Acantholumpenus mackayi*		Arctic Ocean	May 2003
Δ ○	Sculpin, Fourhorn	*Myoxocephalus quadricornis*	Freshwater form	NT NU NL	Nov 2003
Δ	Sculpin, Spinynose	*Asemichthys taylori*		Pacific Ocean	Apr 1997
Δ	Smelt, Pygmy Longfin	*Spirinchus* sp.		BC	Nov 2004
Δ ↔	Whitefish, Lake	*Coregonus clupeaformis*	Mira River population	NS	Nov 2000
Δ ○	Wolffish, Bering	*Anarhichas orientalis*		Arctic Ocean	Nov 2002
Arthropods (0)					
Molluscs (4)					
Δ	Capshell, Rocky Mountain	*Acroloxus coloradensis*	Eastern population	ON QC	Nov 2001
Δ	Duskysnail, Squat	*Lyogyrus granum*		NB NS	Nov 2003
Δ	Fieldslug, Evening	*Deroceras hesperium*		BC	Nov 2003
Δ	Snail, Gatineau Tadpole	*Physella parkeri latchfordi*		QC	Apr 1997
Vascular Plants (4)					
Δ	Barley, Little	*Hordeum pusillum*		AB	Apr 1993
Δ	Goldenweed, Rabbit-brush	*Ericameria bloomeri*		BC	Apr 1997
Δ	Pinweed, Impoverished	*Lechea intermedia* var. *depauperata*		SK	Apr 1997
Δ	Whitlow-grass, Kananaskis	*Draba kananaskis*		AB	Apr 1992
Mosses (0)					
Lichens (2)					
Δ	Stubble, Flexuous Golden	*Chaenotheca servitii*		NS	Nov 2002
Δ	Stubble, Red Oak	*Phaeocalicium minutissimum*		QC NB	Nov 2002

RECORD OF STATUS REASSESSMENTS

A short history is provided for each species that has been reassessed by COSEWIC, including date(s) of assessment and the status assigned. In October 1999 COSEWIC began using quantitative criteria to augment the earlier method of using status definitions to assign status. For species assessed since October 1999, the type of status report used as the basis for reassessment is indicated. Update reports focus on changes in the biological and threat information that has become available since the last time a report was prepared. For some species, COSEWIC deemed the existing report suitable for reassessment.

Acadian Flycatcher
Designated Endangered in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Allegheny Mountain Dusky Salamander
Designated Special Concern in April 1998. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report with an addendum.

American Badger
Designated Not at Risk in April 1979. The original Canada-wide designation was de-activated in May 2000 when the American Badger was split according to subspecies.

American Badger *jacksoni* subspecies
The species was considered a single unit and designated Not at Risk in 1979. Each subspecies was given a separate designation in May 2000. The *jacksoni* subspecies was designated Endangered. Last assessment based on an update status report.

American Badger *jeffersonii* subspecies
The species was considered a single unit and designated Not at Risk in 1979. Each subspecies was given a separate designation in May 2000. The *jeffersonii* subspecies was designated Endangered. Last assessment based on an update status report.

American Badger *taxus* subspecies
Entire Canadian range was designated as Not at Risk in 1979. Each subspecies was given a separate designation in May 2000. The *taxus* subspecies was designated Not at Risk. Last assessment based on an update status report.

American Black Bear
Designated Not at Risk in April 1998 and in April 1999.

American Chestnut
Designated Threatened in April 1987. Status re-examined and designated Endangered in November 2004. Last assessment based on an update status report.

American Ginseng
Designated Threatened in April 1988. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

American Water-willow
Designated Threatened in April 1984. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

American White Pelican
Designated Threatened in April 1978. Status re-examined and designated Not at Risk in April 1987.

Ancient Murrelet
Designated Special Concern in April 1993. Status re-examined and confirmed in November 2004. Last assessment based on an update status report.

Anticosti Aster
Designated Threatened in April 1990. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Athabasca Thrift
Designated Threatened in April 1981. Status re-examined and designated Special Concern in April 1999. Status re-examined and confirmed in May 2002. Last assessment based on an existing status report.

Atlantic Cod
Designated Special Concern in April 1998. Split into four populations in May 2003. The original designation was de-activated. Last assessment based on an update status report.

Atlantic Cod (Arctic population)
The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Arctic population was designated Special Concern. Last assessment based on an update status report.

Atlantic Cod (Laurentian North population)
The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Laurentian North population was designated Threatened. Last assessment based on an update status report.

Atlantic Cod (Maritimes population)
The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Maritimes population was designated Special Concern. Last assessment based on an update status report.

Atlantic Cod (Newfoundland and Labrador population)
The species was considered a single unit and designated Special Concern in April 1998. When the species was split into separate populations in May 2003, the Newfoundland and Labrador population was designated Endangered. Last assessment based on an update status report.

Atlantic Walrus (Northwest Atlantic population)
Extirpated around 1850. Designated Extirpated in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Atlantic Whitefish
Designated Endangered in April 1984. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Aurora Trout
Designated Endangered in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Baird's Sparrow
Designated Threatened in April 1989. Status re-examined and designated Not at Risk in April 1996.

Banded Killifish (Newfoundland population)
Designated Special Concern in April 1989. Status re-examined and confirmed in May 2003. Last assessment based on an update status report.

Banff Longnose Dace
Extinct since 1986. Designated Extinct in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Banff Springs Snail
Designated Threatened in April 1997. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report.

Barn Owl
The species was considered a single unit and designated Special Concern in April 1984. In April 1999, the Western and Eastern populations were assessed separately. The original designation for the Canadian range of the Barn Owl was de-activated.

Barn Owl (Eastern population)
The species was considered a single unit and designated Special Concern in April 1984. In April 1999, the Western and Eastern populations were assessed separately. The Eastern population was designated Endangered. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Barn Owl (Western population)
The species was considered a single unit and designated Special Concern in April 1984. In April 1999, the Western and Eastern populations were assessed separately. The Western population was designated Special Concern. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Barren-ground Caribou (Dolphin and Union population)
The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island (Endangered), High Arctic (Endangered) and Low Arctic (Threatened) populations. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The Dolphin and Union population is comprised of a portion of the former "Low Arctic population", and it was designated Special Concern in May 2004. Last assessment based on an update status report.

Bashful Bulrush
Designated Special Concern in April 1986. Status re-examined and designated Endangered in May 2000. Last assessment based on an update status report.

Bearded Owl-clover
Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Beluga Whale (Cumberland Sound population)
The Southeast Baffin Island-Cumberland Sound population was designated Endangered in April 1990. In May 2004, the structure of the population was redefined and named "Cumberland Sound population", and the Southeast Baffin Island animals were included as part of the Western Hudson Bay population. Status re-examined and designated Threatened in May 2004. Last assessment based on an update status report.

Beluga Whale (Eastern Beaufort Sea population)
Designated Not at Risk in April 1985 and in May 2004. Last assessment based on an update status report.

Beluga Whale (Eastern High Arctic - Baffin Bay population)
Designated Special Concern in April 1992. Status re-examined and confirmed in May 2004. Last assessment based on an update status report.

Beluga Whale (Eastern Hudson Bay population)
Designated Threatened in April 1988. Status re-examined and designated Endangered in May 2004. Last assessment based on an update status report.

Beluga Whale (St. Lawrence Estuary population)
Designated Endangered in April 1983. Status re-examined and confirmed in April 1997. Status re-examined and designated Threatened in May 2004. Last assessment based on an update status report.

Beluga Whale (Ungava Bay population)
Designated Endangered in April 1988. Status re-examined and confirmed in May 2004. Last assessment based on an update status report.

Beluga Whale (Western Hudson Bay population)
Designated Not at Risk in April 1993. The population was redefined in May 2004 to include those Southeast Baffin Island animals outside Cumberland Sound, previously considered part of the "Southeast Baffin Island-Cumberland Sound population" which is now called "Cumberland Sound population". Status re-examined and designated Special Concern in May 2004. Last assessment based on an update status report.

Benthic Enos Lake Stickleback
Original designation (including both Benthic and Limnetic species) was Threatened in April 1988. Split into two species when re-examined in November 2002 and the Benthic Enos Lake Stickleback was designated Endangered. Last assessment based on an update status report.

Benthic Hadley Lake Stickleback
Extinct in 1999. Designated Extinct in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Benthic Paxton Lake Stickleback
Designated Threatened in April 1998. Status re-examined and confirmed in April 1999. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report.

Benthic Vananda Creek Stickleback
Designated Threatened in April 1999. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report.

Bering Cisco
Species considered in April 1990 and placed in the Data Deficient category. Re-examined in November 2004 and designated Special Concern. Last assessment based on an update status report.

Bering Wolffish
Designated Special Concern in April 1989. Species considered in November 2002 and placed in the Data Deficient category. Last assessment based on an update status report.

Bigmouth Shiner
Designated Special Concern in April 1985. Status re-examined and designated Not at Risk in November 2003. Last assessment based on an update status report.

Bird's-foot Violet
Designated Threatened in April 1990. Status re-examined and designated Endangered in May 2002. Last assessment based on an update status report.

Black Tern
Designated Not at Risk in April 1988 and in April 1996.

Black-footed Ferret
Extirpated by 1974. Designated Extirpated in April 1978. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Blackstripe Topminnow
Designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Black-tailed Prairie Dog
Designated Special Concern in April 1978. Status re-examined and confirmed in April 1988, April 1999 and November 2000. Last assessment based on an existing status report.

Blue Ash
Designated Threatened in April 1983. Status re-examined and designated Special Concern in November 2000. Last assessment based on an update status report.

Blue Racer
Designated Endangered in April 1991. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Blue Walleye
Extinct since 1965. Designated Extinct in April 1985. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Blue Whale
The species was considered a single unit and designated Special Concern in April 1983. In May 2002, the species was split into two populations: Blue Whale (Atlantic population) and Blue Whale (Pacific population). The Atlantic population and the Pacific populations were both designated Endangered in May 2002. The original designation for Blue Whale was de-activated.

Blue Whale (Atlantic population)
The species was considered a single unit and designated Special Concern in April 1983. Split into two populations in May 2002. The Atlantic population was designated Endangered in May 2002. Last assessment based on an update status report.

Blue Whale (Pacific population)
The species was considered a single unit and designated Special Concern in April 1983. Split into two populations in May 2002. The Pacific population was designated Endangered in May 2002. Last assessment based on an update status report.

bluehearts
Designated Threatened in April 1985. Status re-examined and designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Blunt-lobed Woodsia
Designated Threatened in April 1994. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report.

Bowhead Whale (Eastern and Western Arctic Populations)
Designated Endangered in April 1980. Split into two populations (Eastern Arctic and Western Arctic) to allow a separate designation for the Western Arctic population in April 1986. The original designation was de-activated.

Branched Bartonia
Designated Special Concern in April 1992. Status re-examined and designated Threatened in November 2003. Last assessment based on an update status report.

Bridle Shiner
Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Brindled Madtom
Designated Special Concern in April 1985. Status re-examined and designated Not at Risk in May 2001. Last assessment based on an update status report.

Buffalograss
Designated Special Concern in April 1998. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report.

Burrowing Owl
Designated Threatened in April 1979. Status re-examined and confirmed in April 1991. Status re-examined and designated Endangered in April 1995. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Butler's Gartersnake
Designated Special Concern in April 1999. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report.

Canada Lynx
Designated Not at Risk in April 1989 and in May 2001. Last assessment based on an update status report.

Caribou *dawsoni* subspecies
Extinct by the 1920s. Designated Extinct in April 1984. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Carmine Shiner
Designated Special Concern in April 1994. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report.

Caspian Tern
Designated Special Concern in April 1978. Status re-examined and designated Not at Risk in April 1999.

Central Stoneroller
Designated Special Concern in 1985. Status re-examined and designated Not at Risk in 1998.

Cerulean Warbler
Designated Special Concern in April 1993. Status re-examined and confirmed in May 2003. Last assessment based on an update status report.

Channel Darter
Designated Threatened in April 1993. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Chiselmouth
Species considered in April 1997 and placed in the Data Deficient category. Re-examined in May 2003 and designated Not at Risk. Last assessment based on an update status report.

Climbing Prairie Rose
Designated Special Concern in April 1986. Status re-examined and designated Threatened in May 2002. Status re-examined and designated Special Concern in May 2003. Last assessment based on an existing status report with an addendum.

Coastal Giant Salamander
Designated Special Concern in April 1989. Status re-examined and designated Threatened in November 2000. Last assessment based on an update status report.

Coastal Wood Fern
Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Coeur d'Alene Salamander
Designated Special Concern in April 1998. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Colicroot
Designated Threatened in April 1988. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Common Hoptree
Designated Special Concern in April 1984. Status re-examined and designated Threatened in November 2002. Last assessment based on an update status report.

Cooper's Hawk
Designated Special Concern in April 1983. Status re-examined and designated Not at Risk in April 1996.

Copper Redhorse
Designated Threatened in April 1987. Status re-examined and designated Endangered in November 2004. Last assessment based on an update status report.

Cougar (Eastern population)
Designated Endangered in April 1978. Species considered in April 1998 and placed in the Data Deficient category.

Cowichan Lake Lamprey
Designated Special Concern in April 1986. Status re-examined and confirmed in April 1998. Status re-examined and designated Threatened in November 2000. Last assessment based on an existing status report.

Crooked-stem Aster
Designated Special Concern in April 1999. Status re-examined and designated Threatened in May 2002. Last assessment based on an existing status report.

Cucumber Tree
Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Cultus Pygmy Sculpin
Designated Special Concern in April 1997. Status re-examined and designated Threatened in November 2000. Last assessment based on an existing status report.

Deepwater Cisco
Extinct since 1952. Designated Extinct in April 1988. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Deerberry
Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Deltoid Balsamroot
Designated in April 1996 as Endangered. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Dense Blazing Star
Designated Special Concern in April 1988. Status re-examined and designated Threatened in May 2001. Last assessment based on an update status report.

Drooping Trillium
Designated Endangered in April 1996. Status re-assessed and confirmed in May 2000. Last assessment based on an existing status report.

Dwarf Hackberry
Designated Special Concern in April 1985. Status re-examined and designated Threatened in November 2003. Last assessment based on an update status report.

Dwarf Wedgemussel
Extirpated by 1968. Designated Extirpated in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Eastern Bluebird
Designated Special Concern in April 1984. Status re-examined and designated Not at Risk in April 1996.

Eastern Foxsnake
Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Eastern Hog-nosed Snake
Designated Special Concern in April 1997. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report.

Eastern Lilaeopsis
Designated Special Concern in April 1987 and in May 2004. Last assessment based on an update status report.

Eastern Mole
Designated Special Concern in April 1980. Status re-examined and confirmed in April 1998 and in November 2000. Last assessment based on an existing status report.

Eastern Mountain Avens
Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1999 and May 2000. Last assessment based on an existing status report.

Eastern Prairie Fringed-orchid
Designated Special Concern in April 1986. Status re-examined and designated Endangered in May 2003. Last assessment based on an update status report.

Eastern Prickly Pear Cactus
Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Eastern Ratsnake
Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Eastern Sand Darter
Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an existing status report with an addendum.

Eastern Wolf
Species considered in April 1999 and placed in the Data Deficient category. Re-examined in May 2001 and designated Special Concern. Last assessment based on an update status report.

Eastern Yellow-bellied Racer
Designated Special Concern in April 1991. Status re-examined and designated Threatened in November 2004. Last assessment based on an update status report.

Eelgrass Limpet
Extinct since 1929. Designated Extinct in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Engelmann's Quillwort
Designated Endangered in April 1992. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Enos Lake Sticklebacks
Designated Threatened in April 1988. Split into two species when re-examined in November 2002: Benthic Enos Lake Stickleback and Limnetic Enos Lake Stickleback. The original designation was de-activated. Last assessment based on an update status report.

Ermine *haidarum* subspecies
Designated Special Concern in April 1984. Status re-examined and designated Threatened in May 2001. Last assessment based on an update status report.

Eskimo Curlew
Designated Endangered in April 1978. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an update status report.

False Hop Sedge
Designated Threatened in April 1997. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report.

Fernald's Braya
Designated Threatened in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Fernald's Milk-vetch
Designated Special Concern in April 1997. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Ferruginous Hawk
Designated Threatened in April 1980. Status re-examined and designated Special Concern in April 1995.

Flammulated Owl
Designated Special Concern in April 1988. Status re-examined and confirmed Special Concern in April 1999 and in November 2001. Last assessment based on an existing status report.

Fourhorn Sculpin (Freshwater form)
Designated Special Concern in April 1989. Species considered in November 2003 and placed in the Data Deficient category. Last assessment based on an update status report.

Fowler's Toad
Designated Special Concern in April 1986. Status re-examined and designated Threatened in April 1999. Status re-examined and confirmed in November 2000. Last assessment based on an existing status report with an addendum.

Fringed Bat
Designated Special Concern in April 1988. Species considered in May 2004 and placed in the Data Deficient category. Last assessment based on an update status report.

Frosted Elfin
Extirpated by 1988. Designated Extirpated in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Furbish's Lousewort
Designated Endangered in April 1980. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Gattinger's Agalinis
Designated Endangered in April 1988. Status re-examined and confirmed in April 1999 and in May 2001. Last assessment based on an existing status report with an addendum.

Giant Helleborine
Designated Threatened in April 1984. Status re-examined and designated Special Concern in April 1998.

Golden Crest
Designated Threatened in April 1987. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Golden Eagle
Designated Not at Risk in April 1987 and in April 1996.

Golden Paintbrush
Designated Threatened in April 1995. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report with an addendum.

Goldenseal
Designated Threatened in April 1991. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Gravel Chub
Last recorded in Thames River drainage, Ontario in 1958. Designated Endangered in April 1985. Status re-examined and designated Extirpated in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Great Auk
Believed to be Extinct since 1844. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Great Basin Spadefoot
Designated Special Concern in April 1998. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report.

Great Grey Owl
Designated Special Concern in April 1979. Status re-examined and confirmed in April 1990. Status re-examined and designated Not at Risk in April 1996.

Great Plains Toad
Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002. Last assessment based on an existing status report.

Greater Prairie-Chicken
Last reported in 1987. Designated Endangered in April 1978. Status re-examined and designated Extirpated in April 1990. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Greater Sage-Grouse *phaios* subspecies
Has not been reported since the 1960s. Designated Extirpated in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Greater Sage-Grouse *urophasianus* subspecies
Given conditional designation of Threatened in April 1997. Status re-examined and designated Endangered in April 1998 based on a revised status report. Status re-examined confirmed in May 2000. Last assessment based on an existing status report.

Green Sturgeon
Designated Special Concern in April 1987. Status re-examined and confirmed in November 2004. Last assessment based on an update status report.

Grey Fox
Designated Special Concern in April 1979. Status re-examined and designated Threatened in May 2002. Last assessment based on an update status report.

Grey Whale (Atlantic population)
Extirpated before the end of the 1800s. Designated Extirpated in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Grey Whale (Eastern North Pacific population)
Designated Not at Risk in April 1987. Status re-examined and designated Special Concern in May 2004. Last assessment based on an update status report.

Grizzly Bear
The species was considered a single unit and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). The original designation for "Grizzly Bear" across was Canada de-activated.

Grizzly Bear (Northwestern population)
The species was considered a single unit and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). The Northwestern population was designated Special Concern in April 1991. Status was re-examined and confirmed in May 2002. Last assessment based on an update status report.

Grizzly Bear (Prairie population)
The species was considered a single unit and designated Not at Risk in April 1979. Split into two populations in April 1991 (Prairie population and Northwestern population). The Prairie population was designated Extirpated in April 1991. Status re-examined and confirmed in May 2000 and in May 2002. Last assessment based on an update status report.

Gulf of St. Lawrence Aster
Designated Special Concern in April 1989. Status re-examined and designated Threatened in May 2004. Last assessment based on an update status report.

Gyrfalcon
Designated Not at Risk in April 1978 and in April 1987.

Hairy Prairie-clover
Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Harbour Porpoise (Northwest Atlantic population)
Designated Threatened in April 1990. Status re-examined and confirmed in April 1991. Status re-examined and designated Special Concern in May 2003. Last assessment based on an update status report.

Harbour Porpoise (Pacific Ocean population)
Species considered in April 1991 and placed in the Data Deficient category. Re-examined in November 2003 and designated Special Concern. Last assessment based on an update status report.

Harlequin Duck (Eastern population)
The Eastern population was designated Endangered in April 1990. Status re-examined and designated Special Concern in May 2001. Last assessment based on an update status report.

Heart-leaved Plantain
Designated Endangered in April 1985. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Henslow's Sparrow
Designated Threatened in April 1984. Status re-examined and designated Endangered in April 1993. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Hoary Mountain-mint
Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Hooded Warbler
Designated Threatened in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Hotwater Physa
Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Humpback Whale (North Pacific population)
The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). The North Pacific population designated Threatened in 1985. Status re-examined and confirmed in May 2003. Last assessment based on an update status report.

Humpback Whale (Western North Atlantic and North Pacific populations)
The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). The original designation was de-activated.

Humpback Whale (Western North Atlantic population)
The "Western North Atlantic and North Pacific populations" were given a single designation of Threatened in April 1982. Split into two populations in April 1985 (Western North Atlantic population and North Pacific population). Western North Atlantic population designated Special Concern in April 1985. Status re-examined and designated Not at Risk in May 2003. Last assessment based on an update status report.

Illinois Tick-trefoil
No site records since 1888. Designated Extirpated in April 1991. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Island Marble
Extirpated by 1910. Designated Extirpated in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Ivory Gull
Designated Special Concern in April 1979. Status re-examined and confirmed in April 1996 and in November 2001. Last assessment based on an existing status report.

Juniper Sedge
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Karner Blue
Has not been observed since 1991. Designated Extirpated in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Keen's Long-eared Bat
Designated Special Concern in April 1988. Species considered in November 2003 and placed in the Data Deficient category. Last assessment based on an update status report.

Kentucky Coffee-tree
Designated Threatened in April 1983. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Killer Whale (North Pacific resident populations)
Designated Threatened in April 1999. The designation of the Killer Whale (North Pacific resident populations) was de-activated in November 2001 when it was split into two populations: Killer Whale (Northeast Pacific northern resident population) and Killer Whale (Northeast Pacific southern resident population). Last assessment based on an existing status report with an addendum.

Killer Whale (Northeast Pacific northern resident population)
North Pacific resident populations designated Threatened in April 1999. Split into two populations in November 2001. The Northeast Pacific northern resident population was designated Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Killer Whale (Northeast Pacific southern resident population)
North Pacific resident populations designated Threatened in April 1999. Split into two populations in November 2001. The Northeast Pacific southern resident population was designated Endangered in November 2001. Last assessment based on an existing status report with an addendum.

Killer Whale (Northeast Pacific transient population)
Designated Special Concern in April 1999. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Killer Whale (Northwest Atlantic / Eastern Arctic populations)
Species considered in April 1999 and in November 2001, and placed in the Data Deficient category. Last assessment based on an existing status report with an addendum.

King Rail
Designated Special Concern in April 1985. Status re-examined and designated Endangered in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Kirtland's Warbler
Designated Endangered in April 1979. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Labrador Duck
Believed to be Extinct since 1875. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Lake Chubsucker
Designated Special Concern in April 1994. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Lake Utopia Dwarf Smelt
Designated Threatened in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Lake Whitefish (Mira River population)
Species considered in April 1999 and in November 2000, and placed in the Data Deficient category. Last assessment based on an existing status report.

Large Whorled Pogonia
Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Least Bittern
Designated Special Concern in April 1988. Status re-examined and confirmed in April 1999. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report.

Leatherback Seaturtle
Designated Endangered in April 1981. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Lewis's Woodpecker
Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Limnetic Enos Lake Stickleback
Original designation (including both Benthic and Limnetic species) was Threatened in April 1988. Split into two species when re-examined in November 2002 and the Limnetic Enos Lake Stickleback was designated Endangered. Last assessment based on an update status report.

Limnetic Hadley Lake Stickleback
Extinct in 1999. Designated Extinct in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Limnetic Paxton Lake Stickleback
Designated Threatened in April 1998. Status re-examined and confirmed in April 1999. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report.

Limnetic Vananda Creek Stickleback
Designated Threatened in April 1999. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report.

Loggerhead Shrike
The species was considered a single unit and designated Threatened in April 1986. The *excubitorides* and the *migrans* subspecies were designated separately in April 1991, and the original designation was de-activated. Assessment based on a new status report.

Loggerhead Shrike *excubitorides* subspecies
The species was considered a single unit and designated Threatened in April 1986. Split according to subspecies in April 1991. The *excubitorides* subspecies retained the original Threatened designation from April 1986. Status re-examined and confirmed in May 2004. Last assessment based on an update status report.

Loggerhead Shrike *migrans* subspecies
The species was considered a single unit and designated Threatened in April 1986. Split according to subspecies in April 1991. The *migrans* subspecies was designated Endangered in April 1991. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Long-billed Curlew
Designated Special Concern in April 1992. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Longjaw Cisco
Extinct since 1975. Designated Extinct in April 1985. Status re-examined and confirmed in May 2000. Designation de-activated in May 2002 because it was concluded that this species is a synonym of the Shortjaw Cisco, *Coregonus zenithicus*, which was designated Threatened in 1987. Last assessment based on an update status report.

Long's Braya
Designated Endangered in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Louisiana Waterthrush
Designated Special Concern in April 1991. Status re-examined and confirmed in April 1996.

Mackenzie Hairgrass
Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Macoun's Meadowfoam
Designated Special Concern in April 1988. Status re-examined and designated Threatened in November 2004. Last assessment based on an update status report.

Marbled Murrelet
Designated Threatened in April 1990. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Margined Madtom
Designated Threatened in April 1989. Species considered in May 2002 and placed in the Data Deficient category. Last assessment based on an update status report.

Maritime Ringlet
Designated Endangered in April 1997. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Massasauga
Designated Threatened in April 1991. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Mexican Mosquito-fern
Designated Threatened in April 1984. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Monarch
Designated Special Concern in April 1997. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Morrison Creek Lamprey
Designated Threatened in April 1999. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report.

Mountain Beaver
Designated Not at Risk in April 1984. Status re-examined and designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Mountain Plover
Designated Endangered in April 1987. Status re-examined and confirmed November 2000. Last assessment based on an update status report.

Narwhal
Designated Not at Risk in April 1986 and in April 1987. Status re-examined and designated Special Concern in November 2004. Last assessment based on an update status report.

New Jersey Rush
Designated Special Concern in April 1992. Status re-examined and confirmed in May 2004. Last assessment based on an update status report.

Newfoundland Marten
Designated Not at Risk in April 1979. Status re-examined and designated Threatened in April 1986. Status re-examined and designated Endangered in April 1996. Status re-examined and confirmed Endangered in May 2000. Last assessment based on an existing status report.

Nodding Pogonia
Designated Threatened in April 1988. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Nooksack Dace
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

North Atlantic Right Whale
The Right Whale was considered a single species and designated Endangered in 1980. Status re-examined and confirmed in April 1985 and in April 1990. Split into two species in May 2003 to allow a separate designation of the North Atlantic Right Whale. North Atlantic Right Whale was designated Endangered in May 2003. Last assessment based on an update status report.

North Pacific Right Whale
The Right Whale was considered a single species and designated Endangered in 1980. Status re-examined and confirmed in April 1985 and in April 1990. Split into two species in May 2003. North Pacific Right Whale was not re-evaluated in May 2003; it retained the Endangered status of the original Right Whale. Status re-examined and confirmed Endangered in November 2004. Last assessment based on an update status report.

Northern Abalone
Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Northern Bobwhite
Designated Endangered in April 1994. Status re-examined and confirmed in November 2003. Last assessment based on an update status report with an addendum.

Northern Bottlenose Whale
The Northern Bottlenose Whale was given a single designation of Not at Risk in April 1993. Split into two populations in April 1996 to allow a separate designation of the Northern Bottlenose Whale (Scotian Shelf population). Northern Bottlenose (Davis Strait population) was not re-evaluated, but retains the Not at Risk designation of the original Northern Bottlenose Whale, and the latter was de-activated.

Northern Bottlenose Whale (Scotian Shelf population)
The Northern Bottlenose Whale was given a single designation of Not at Risk in April 1993. Split into two populations in April 1996 to allow a separate designation of the Northern Bottlenose Whale (Scotian Shelf population). Scotian Shelf population designated Special Concern in April 1996. Status re-examined and designated Endangered in November 2002. Last assessment based on an existing status report with an addendum.

Northern Cricket Frog
Designated Endangered in April 1990. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Northern Goshawk *laingi* subspecies
Designated Special Concern in April 1995. Status re-examined and designated Threatened in November 2000. Last assessment based on an update status report.

Northern Leopard Frog (Southern Mountain population)
Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Northern Leopard Frog (Western Boreal/Prairie populations)
Designated Special Concern in April 1998. Status re-examined and confirmed in November 2002. Last assessment based on an existing status report.

Northern Madtom
Species considered in April 1993 and placed in the Data Deficient category. Re-examined in April 1998 and designated Special Concern. Status re-examined and designated Endangered in November 2002. Last assessment based on an existing status report with an addendum.

Northern Riffleshell
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Nuttall's Cottontail *pinetis* subspecies
Designated Not at Risk in 1991 and in April 1994.

Oregon Spotted Frog
Designated Endangered in an emergency assessment in November 1999. Status re-examined and confirmed in May 2000. Assessment based on a new status report.

Pacific Sardine
Designated Special Concern in April 1987. Status re-examined and designated Not at Risk in May 2002. Last assessment based on an update status report.

Pacific Water Shrew
Designated Threatened in April 1994. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Paddlefish
Disappeared from Canada in approximately 1917. Designated Extirpated in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Pallid Bat
Designated Special Concern in April 1988. Status re-examined and designated Threatened in May 2000. Last assessment based on an update status report.

Passenger Pigeon
Believed to be Extinct since 1914. Designated in April 1985 based on historic records only. Status report prepared and approved by COSEWIC in 1994. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Peary Caribou
The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island (Endangered), High Arctic (Endangered) and Low Arctic (Threatened) populations. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The subspecies *pearyi* is comprised of a portion of the former "Low Arctic population", and all of the former "High Arctic" and "Banks Island" populations, and it was designated Endangered in May 2004. Last assessment based on an update status report.

Peary Caribou (Banks Island population)
The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island, High Arctic and Low Arctic populations. The Banks Island population was designated Endangered in April 1991. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The former Banks Island population is contained within the subspecies *pearyi*.

Peary Caribou (High Arctic population)
The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island, High Arctic and Low Arctic populations. The High Arctic population of the Peary Caribou was designated Endangered in April 1991. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The former High Arctic population is contained within the subspecies *pearyi*.

Peary Caribou (Low Arctic population)
The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split to allow designation of three separate populations in 1991: Banks Island, High Arctic and Low Arctic populations. The Low Arctic population was designated Threatened in April 1991. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*. The former Low Arctic population is contained partly within the subspecies *pearyi* and partly within the Barren-ground Caribou (Dolphin and Union population).

Peary Caribou (original designation)
The original designation considered a single unit that included Peary Caribou, *Rangifer tarandus pearyi*, and what is now known as the Dolphin and Union population of the Barren-ground Caribou, *Rangifer tarandus groenlandicus*. It was assigned a status of Threatened in April 1979. Split into three separate populations in April 1991: Banks Island, High Arctic and Low Arctic populations. The original designation was de-activated. In May 2004 all three population designations were de-activated, and the Peary Caribou, *Rangifer tarandus pearyi*, was assessed separately from the Barren-ground Caribou (Dolphin and Union population), *Rangifer tarandus groenlandicus*.

Peregrine Falcon *anatum* subspecies
Designated Endangered in April 1978. Status re-examined and designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Peregrine Falcon *pealei* subspecies
Designated Special Concern in April 1978. Status re-examined and confirmed in April 1999 and in November 2001. Last assessment based on an existing status report.

Peregrine Falcon *tundrius* subspecies
Designated Threatened in April 1978. Status re-examined and designated Special Concern in April 1992.

Phantom Orchid
Designated Special Concern in April 1992. Status re-examined and designated Threatened in May 2000. Last assessment based on an update status report.

Pighead Prickleback
Designated Special Concern in April 1989. Species considered in May 2003 and placed in the Data Deficient category. Last assessment based on an update status report.

Pigmy Short-horned Lizard (British Columbia population)
Last reported in 1898. Designated Extirpated in April 1992. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Pink Coreopsis
Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Pink Milkwort
Designated Endangered in April 1984. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Piping Plover
The species was considered a single unit and designated Threatened in April 1978. Status re-examined and designated Endangered in April 1985. In May 2001, the species was re-examined and split into two groups according to subspecies. The *melodus* subspecies and *circumcinctus* subspecies were each designated Endangered in May 2001. The original designation was de-activated.

Piping Plover *circumcinctus* subspecies
The species was considered a single unit and designated Threatened in April 1978. Status re-examined and designated Endangered in April 1985. In May 2001, the species was re-examined and split into two groups according to subspecies. The *circumcinctus* subspecies was designated Endangered in May 2001. Last assessment based on an update status report.

Piping Plover *melodus* subspecies
The species was considered a single unit and designated Threatened in April 1978. Status re-examined and designated Endangered in April 1985. In May 2001, the species was re-examined and split into two groups according to subspecies. The *melodus* subspecies was designated Endangered in May 2001. Last assessment based on an update status report.

Pitcher's Thistle
Designated Threatened in April 1988. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Pixie Poacher
Species considered in April 1991 and placed in the Data Deficient category. Re-examined and designation de-activated in November 2001. Last assessment based on an update status report.

Plains Pocket Gopher
Designated Special Concern in April 1979. Status re-examined and designated Not at Risk in April 1998.

Plymouth Gentian
Designated Threatened in April 1984. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Polar Bear
Designated Not at Risk in April 1986. Status re-examined and designated Special Concern in April 1991. Status re-examined and confirmed in April 1999 and in November 2002. Last assessment based on an existing status report with an addendum.

Prairie Falcon
Designated Not at Risk in April 1978, April 1982 and April 1996.

Prairie Long-tailed Weasel
Designated Threatened in April 1982. Status re-examined and designated Not at Risk in April 1993.

Prairie Lupine
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Prairie Skink
Designated Special Concern in April 1989. Status re-examined and designated Endangered in May 2004. Last assessment based on an update status report.

Prairie Warbler
Designated Special Concern in April 1985. Status re-examined and designated Not at Risk in April 1999.

Prothonotary Warbler
Designated Special Concern in April 1984. Status re-examined and designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Pugnose Minnow
Designated Special Concern in April 1985. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Pugnose Shiner
Designated Special Concern in April 1985. Status re-examined and designated Endangered in November 2002. Last assessment based on an update status report.

Purple Twayblade
Designated Threatened in April 1989. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2001. Last assessment based on an existing status report with an addendum.

Queen Snake
Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Rayed Bean
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Red Mulberry
Designated Threatened in April 1987. Status re-examined and designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Red-legged Frog
Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002 and in November 2004. Last assessment based on an update status report.

Redroot
Designated Threatened in April 1994. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Red-shouldered Hawk
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1996.

Right Whale
The Right Whale was considered a single species and designated Endangered in 1980. Status re-examined and confirmed in April 1985 and in April 1990. Split into two species in May 2003 to allow a separate designation of the North Atlantic Right Whale. North Pacific Right Whale was not re-evaluated, but retains the Endangered status of the original Right Whale. The original designation was de-activated. Last assessment based on an update status report.

Rigid Apple Moss
Designated Threatened in April 1997. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report with an addendum.

River Redhorse
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1987.

Roseate Tern
Designated Threatened in April 1986. Status re-examined and designated Endangered in April 1999. Endangered status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Ross's Gull
Designated Special Concern in April 1981. Status re-examined and confirmed in April 1996. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report.

Round-leaved Greenbrier (Great Lakes Plains population)
Designated Threatened in April 1994. Status re-examined and confirmed in May 2001. Last assessment based on an existing status report with an addendum.

Sage Thrasher
Designated Endangered in April 1992. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Salish Sucker
Designated Endangered in April 1986. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Savannah Sparrow *princeps* subspecies
Designated Special Concern in April 1979. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Scarlet Ammannia
Designated Endangered in April 1999. Status re-examined and confirmed in May 2001. Last assessment based on an existing status report.

Sea Mink
Believed Extinct since 1894. Designated Extinct in April 1986. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Sea Otter
Designated Endangered in April 1978. Status re-examined and confirmed Endangered in April 1986. Status re-examined and designated Threatened in April 1996. Status re-examined and confirmed Threatened in May 2000. Last assessment based on an existing status report.

Seaside Birds-foot Lotus
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Seaside Centipede
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Sharp-shinned Hawk
Designated Not at Risk in April 1986 and in April 1997.

Sharp-tailed Snake
Designated Endangered in April 1999. Status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Shorthead Sculpin
Designated Threatened in April 1984. Status re-examined and confirmed Threatened in May 2001. Last assessment based on an update status report.

Shortjaw Cisco
Designated Threatened in April 1987. Status re-examined and confirmed in May 2003. Last assessment based on an update status report.

Showy Goldenrod
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Shumard Oak
Designated Special Concern in April 1984. Status re-examined and confirmed in April 1999.

Silver Chub
Designated Special Concern in April 1985. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Silver Shiner
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1987.

Skinner's Agalinis
Designated Endangered in April 1988. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Slender Bush-clover
Designated Endangered in April 1986. Status re-examined and confirmed Endangered in April 1999 and in May 2000. Last assessment based on an existing status report.

Slender Mouse-ear-cress
Designated Endangered in April 1992. Status re-examined and designated Threatened in May 2000. Last assessment based on an update status report with an addendum.

Small White Lady's-slipper
Designated Endangered in April 1981. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Small Whorled Pogonia
Designated Endangered in April 1982. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Small-flowered Lipocarpha
Designated Threatened in April 1992. Status re-examined and designated Endangered in November 2002. Last assessment based on an update status report.

Small-flowered Sand-verbena
Designated Threatened in April 1992. Re-examined and designated Endangered in November 2002. Last assessment based on an update status report.

Small-mouthed Salamander
Designated Special Concern in April 1991. Status re-examined and designated Endangered in May 2004. Last assessment based on an update status report.

Soapweed
Designated Special Concern in April 1985. Status re-examined and designated Threatened in May 2000. Last assessment based on an update status report.

Sockeye Salmon (Cultus population)
Designated Endangered in an emergency assessment in October 2002. Status re-examined and confirmed in May 2003. Assessment based on a new status report.

Sockeye Salmon (Sakinaw population)
Designated Endangered in an emergency assessment in October 2002. Status re-examined and confirmed in May 2003. Assessment based on a new status report.

Southern Maidenhair Fern
Designated Endangered in April 1984. Status re-examined and confirmed in April 1998 and in May 2000. Last assessment based on an existing status report.

Speckled Dace
Designated Special Concern in April 1980. Status re-examined and designated Endangered in November 2002. Last assessment based on an update status report.

Spiny Softshell
Designated Threatened in April 1991. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Spotted Bat
Designated Special Concern in April 1988. Status re-examined and confirmed in May 2004. Last assessment based on an update status report.

Spotted Gar
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1994. Status re-examined and designated Threatened in November 2000. Last assessment based on an existing status report.

Spotted Owl *caurina* subspecies
Designated Endangered in April 1986. Status re-examined and confirmed in April 1999 and in May 2000. Last assessment based on an existing status report.

Spotted Sucker
Designated Special Concern in April 1983. Status re-examined and confirmed in April 1994 and in November 2001. Last assessment based on an existing status report with an addendum.

Spotted Turtle
Designated Special Concern in April 1991. Status re-examined and designated Endangered in May 2004. Last assessment based on an update status report.

Spotted Wintergreen
Designated Endangered in April 1987. Status re-examined and confirmed Endangered in April 1998 and in May 2000. Last assessment based on an existing status report.

Sprague's Pipit
Designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Spring Blue-eyed Mary
No site records since 1954. Designated Extirpated in April 1987. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Spring Salamander
Designated Special Concern in April 1999. Status re-examined and confirmed in May 2002. Last assessment based on an existing status report.

Steller Sea Lion
Designated Not at Risk in April 1987. Status re-examined and designated Special Concern in November 2003. Last assessment based on an update status report.

Swamp Rose-mallow
Designated Special Concern in April 1987. Status re-examined and confirmed in November 2004. Last assessment based on an update status report.

Sweet Pepperbush
Designated Threatened in April 1986. Status re-examined and confirmed in April 1998. Status re-examined and designated Special Concern in May 2001. Last assessment based on an existing status report with an addendum.

Swift Fox
Last seen in Saskatchewan in 1928. Designated Extirpated in April 1978. Status re-examined and designated Endangered in April 1998 after successful re-introductions. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Thread-leaved Sundew
Designated Endangered in April 1991. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

Tiny Cryptanthe
Designated Endangered in April 1998. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Toothcup
Designated Endangered in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Townsend's Mole
Designated Threatened in April 1996. Status re-examined and designated Endangered in May 2003. Last assessment based on an update status report.

Trumpeter Swan
Designated Special Concern in April 1978. Status re-examined and designated Not at Risk in April 1996.

Tuberous Indian-plantain
Designated Special Concern in April 1988. Status re-examined and confirmed in April 1999 and in May 2002. Last assessment based on an update status report with an addendum.

Tyrrell's Willow
Designated Threatened in April 1981. Status re-examined and designated Not at Risk in April 1999.

Van Brunt's Jacob's-ladder
Designated Threatened in April 1994. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Vancouver Island Marmot
Designated Endangered in April 1978. Status re-examined and confirmed Endangered in April 1997 and in May 2000. Last assessment based on an existing status report with an addendum.

Victorin's Gentian
Designated Special Concern in April 1987. Status re-examined and designated Threatened in May 2004. Last assessment based on an update status report.

Victorin's Water-hemlock
Designated Special Concern in April 1987. Status re-examined and confirmed in May 2004. Last assessment based on an update status report.

Virginia Goat's-rue
Designated Threatened in April 1996. Status re-examined and designated Endangered in May 2000. Last assessment based on an existing status report with an addendum.

Warmouth
Designated Special Concern in April 1994. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report with an addendum.

Water-pennywort
Designated Endangered in April 1985. Status re-examined and designated Threatened in April 1999. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Water-plantain Buttercup
Designated Endangered in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Wavy-rayed Lampmussel
Designated Endangered in April 1999. Status re-examined and confirmed in October 1999. Last assessment based on an existing status report.

Western Blue-flag
Designated Threatened in April 1990. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Western Prairie Fringed-orchid
Designated Endangered in April 1993. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Western Screech-Owl
The species was considered a single unit and placed in the Data Deficient category in April 1995. Re-examined in May 2002 and split into two groups according to subspecies. The *kennicottii* subspecies was designated Special Concern and the *macfarlanei* subspecies was designated Threatened in May 2002. The original designation was de-activated. Last assessment based on an update status report.

Western Screech-Owl *kennicottii* subspecies
Species considered in April 1995 and placed in the Data Deficient category. It was split according to subspecies in May 2002. The *kennicottii* subspecies was designated Special Concern in May 2002. Last assessment based on an update status report.

Western Screech-Owl *macfarlanei* subspecies
Species considered in April 1995 and placed in the Data Deficient category. It was split according to subspecies in May 2002. The *macfarlanei* subspecies was designated Endangered in May 2002. Last assessment based on an update status report.

Western Silvery Aster
Designated Special Concern in 1988. Status re-examined and designated Threatened in May 2000. Last assessment based on an update status report.

Western Silvery Minnow
Designated Special Concern in April 1997. Status re-examined and designated Threatened in November 2001. Last assessment based on an existing status report with an addendum.

Western Spiderwort
Designated Threatened in April 1992. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

Western Yellow-bellied Racer
Designated Not at Risk in April 1991. Status re-examined and designated Special Concern in November 2004. Last assessment based on an update status report.

White Prairie Gentian
Designated Endangered in April 1991. Status re-examined and confirmed in May 2001. Last assessment based on an update status report.

White Sturgeon
Designated Special Concern in April 1990. Status re-examined and designated Endangered in November 2003. Last assessment based on an update status report.

White Wood Aster
Designated Threatened in April 1995. Status re-examined and confirmed in November 2002. Last assessment based on an update status report.

White-headed Woodpecker
Designated Threatened in April 1992. Status re-examined and designated Endangered in November 2000. Last assessment based on an update status report.

White-top Aster
Designated Threatened in April 1996. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Whooping Crane
Designated Endangered in April 1978. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

Wild Hyacinth
Designated Special Concern in April 1990. Re-examined and designated Threatened in May 2002. Last assessment based on an update status report.

Willowleaf Aster
Designated Special Concern in April 1999. Status re-examined and designated Threatened in May 2003. Last assessment based on an existing status report.

Wolverine
The species was considered a single unit and designated Special Concern in April 1982. Split into two populations in April 1989 (Western and Eastern populations). The original designation was de-activated.

Wolverine (Eastern population)
The species was considered a single unit and designated Special Concern in April 1982. Split into two populations in April 1989 (Western population and Eastern population). The Eastern population was designated Endangered in April 1989. Status re-examined and confirmed in May 2003. Last assessment based on an update status report.

Wolverine (Western population)
The species was considered a single unit and designated Special Concern in April 1982. Split into two populations in April 1989 (Western and Eastern populations). The Western population was designated Special Concern in April 1989. Status re-examined and confirmed in May 2003. Last assessment based on an update status report.

Wood Bison
Designated Endangered in April 1978. Status re-examined and designated Threatened in April 1988. Status re-examined and confirmed in May 2000. Last assessment based on an update status report.

Woodland Caribou (Atlantic-Gaspésie population)
Atlantic-Gaspésie population designated Threatened in April 1984. Status re-examined and designated Endangered in May 2000. Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Woodland Caribou (Boreal population)
The Boreal population was designated Threatened in May 2000. This newly-defined population is comprised of a portion of the de-activated "Western population" and all of the de-activated "Labrador-Ungava population". Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Woodland Caribou (Labrador-Ungava population)
Labrador-Ungava population was designated Not at Risk in April 1984. The designation of the Labrador-Ungava population was de-activated in May 2000. The former Labrador-Ungava population is contained within the Boreal population.

Woodland Caribou (Newfoundland population)
Newfoundland population was designated Not at Risk in April 1984. Status re-examined and confirmed in May 2000 and in May 2002. Last assessment based on an update status report.

Woodland Caribou (Northern Mountain population)
The Northern Mountain population was designated Not at Risk in May 2000. This population was formerly designated as part of the "Western population" (now de-activated). Status re-examined and designated Special Concern in May 2002. Last assessment based on an update status report.

Woodland Caribou (Southern Mountain population)
The Southern Mountain population was designated Threatened in May 2000. This population was formerly designated as part of the "Western population" (now de-activated). Status re-examined and confirmed in May 2002. Last assessment based on an update status report.

Woodland *Caribou* (Western population)
The Western population was designated Special Concern in April 1984. The designation of the Western population was de-activated in May 2000. The former Western population is contained within the following newly designated populations: Northern Mountain, Southern Mountain and Boreal.

Woodland Vole
Designated Special Concern in April 1998.Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Wood-poppy
Designated Endangered in April 1993. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report with an addendum.

Yellow Montane Violet
Designated Threatened in April 1995. Status re-examined and confirmed in May 2000. Last assessment based on an existing status report.

Yellow Rail
Designated Special Concern in April 1999. Status re-examined and confirmed in November 2001. Last assessment based on an existing status report.

Yellow-breasted Chat *auricollis* subspecies (British Columbia population)
The British Columbia population of the *auricollis* subspecies was designated Threatened in April 1994. Status re-examined and designated Endangered in November 2000. Last assessment based on an update status report.

Yellow-breasted Chat *auricollis* subspecies (Prairie population)
The Prairie population of the *auricollis* subspecies was designated Not at Risk in April 1994 and in November 2000. Last assessment based on an update status report.

Yellow-breasted Chat *virens* subspecies
Designated Special Concern in April 1994. Status re-examined and confirmed in November 2000. Last assessment based on an update status report.

NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS

Common and scientific names (including population names, where applicable) previously used by COSEWIC and other synonyms, with reference to the current COSEWIC names.

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Incisalia irus	*Callophrys [Incisalia] irus*
Tortula laevipila	*Syntrichia laevipila*
Abronia micrantha	*Tripterocalyx micranthus*
Acadian Whitefish	Atlantic Whitefish
Achikunipi	Harbour Seal Lacs des Loups Marins subspecies
Acris crepitans blanchardi	*Acris crepitans*
American Marten (Newfoundland population)	Newfoundland Marten
Anatum Peregrine Falcon	Peregrine Falcon *anatum* subspecies
Apple Moss	Rigid Apple Moss
Ascaphus truei (Pacific Coast population)	*Ascaphus truei*
Ascaphus truei (Southern Mountain population)	*Ascaphus montanus*
Asplenium scolopendrium var. *americanum*	*Asplenium scolopendrium*
Aster anticostensis	*Symphyotrichum anticostense*
Aster curtus	*Sericocarpus rigidus*
Aster divaricatus	*Eurybia divaricata*
Aster laurentianus	*Symphyotrichum laurentianum*
Aster praealtus	*Symphyotrichum praealtum*
Aster prenanthoides	*Symphyotrichum prenanthoides*
Aster shortii	*Symphyotrichum shortii*
Aster subulatus var. *obtusifolius*	*Symphyotrichum subulatum* (Bathurst population)
Aster yukonensis	*Symphyotrichum yukonense*
Bartonia paniculata	*Bartonia paniculata* ssp. *paniculata*
Bathurst Aster	Bathurst Aster (Bathurst population)
Beluga Whale (Beaufort Sea / Arctic Ocean population)	Beluga Whale (Eastern Beaufort Sea population)
Beluga Whale (Southeast Baffin Island-Cumberland Sound population)	Beluga Whale (Cumberland Sound population)
Beluga Whale (St. Lawrence River population)	Beluga Whale (St. Lawrence Estuary population)
Benthic Texada Island Stickleback	Benthic Paxton Lake Stickleback
Black Rat Snake	Eastern Ratsnake
Black Ratsnake	Eastern Ratsnake
Blackline Prickleback	Pighead Prickleback
Blanchard's Cricket Frog	Northern Cricket Frog
Blue-eyed Mary	Spring Blue-eyed Mary
Bowl Limpet	Eelgrass Limpet
Bufo woodhousii fowleri	*Bufo fowleri*
Butler's Garter Snake	Butler's Gartersnake
Cacalia plantaginea	*Arnoglossum plantagineum*

NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS *continued*

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Centrocercus urophasianus phaios (British Columbia population)	*Centrocercus urophasianus phaios*
Centrocercus urophasianus urophasianus (Prairie population)	*Centrocercus urophasianus urophasianus*
Charlotte Unarmoured Sticklebacks	Charlotte Unarmoured Stickleback
Cimicifuga elata	*Actaea elata*
Clemmys insculpta	*Glyptemys insculpta*
Clemmys marmorata	*Actinemys marmorata*
Coeur d'Alène Salamander	Coeur d'Alene Salamander
Common Hop-tree	Common Hoptree
Common Watersnake	Northern Watersnake
Coregonus canadensis	*Coregonus huntsmani*
Coregonus clupeaformis	*Coregonus clupeaformis* (Lake Simcoe population)
Delphinapterus leucas (Beaufort Sea / Arctic Ocean population)	*Delphinapterus leucas* (Eastern Beaufort Sea population)
Delphinapterus leucas (Southeast Baffin Island-Cumberland Sound population)	*Delphinapterus leucas* (Cumberland Sound population)
Delphinapterus leucas (St. Lawrence River population)	*Delphinapterus leucas* (St. Lawrence Estuary population)
Eastern Fox Snake	Eastern Foxsnake
Eastern Grey Wolf	Eastern Wolf
Eastern Hognose Snake	Eastern Hog-nosed Snake
Eastern Hognosed Snake	Eastern Hog-nosed Snake
Eastern Loggerhead Shrike	Loggerhead Shrike *migrans* subspecies
Eastern Massasauga	Massasauga
Eastern Massasauga Rattlesnake	Massasauga
Eastern Milksnake	Milksnake
Eastern Prairie Fringed Orchid	Eastern Prairie Fringed-orchid
Eastern Short-horned Lizard	Greater Short-horned Lizard
Eastern Spiny Softshell Turtle	Spiny Softshell
Eastern Yellow-breasted Chat	Yellow-breasted Chat *virens* subspecies
Elaphe obsoleta obsoleta	*Elaphe obsoleta*
Elaphe vulpina gloydi	*Elaphe gloydi*
Elgaria coerulea principis	*Elgaria coerulea*
Emydoidea blandingi	*Emydoidea blandingii* (Nova Scotia population)
Erigeron philadelphicus ssp. *provancheri*	*Erigeron philadelphicus* var. *provancheri*
Ermine (Queen Charlotte Islands population)	Ermine *haidarum* subspecies
Eschrichtius robustus (Northeast Pacific population)	*Eschrichtius robustus* (Eastern North Pacific population)
Eumeces septentrionalis septentrionalis	*Eumeces septentrionalis*
Few-flowered Club-rush	Bashful Bulrush
Gasterosteus aculeatus	*Gasterosteus* sp.
Gentiana victorinii	*Gentianopsis procera* ssp. *macounii* var. *victorinii*
Gentianopsis victorinii	*Gentianopsis procera* ssp. *macounii* var. *victorinii*

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Goat's-rue	Virginia Goat's-rue
Great Basin Gopher Snake	Great Basin Gophersnake
Great Basin Spadefoot Toad	Great Basin Spadefoot
Greater Sandhill Crane	Sandhill Crane *tabida* subspecies
Grey Whale (Northeast Pacific population)	Grey Whale (Eastern North Pacific population)
Grey Wolf	Arctic Grey Wolf
Grey Wolf	Eastern Wolf
Grey Wolf	Northern Grey Wolf
Grey Wolf	Southern Grey Wolf
Grizzly Bear [no population name]	Grizzly Bear (Northwestern population)
Gymnocladus dioica	*Gymnocladus dioicus*
Haplopappus macleanii	*Stenotus borealis*
Harbour Seal	Harbour Seal Atlantic subspecies
Harbour Seal	Harbour Seal Pacific subspecies
Harbour Seal (Lac des Loups Marins landlocked population)	Harbour Seal Lacs des Loups Marins subspecies
Hubb's Beaked Whale	Hubbs' Beaked Whale
Hyperoodon ampullatus	*Hyperoodon ampullatus* (Davis Strait population)
Hyperoodon ampullatus (Gully population)	*Hyperoodon ampullatus* (Scotian Shelf population)
Icteria virens virens (Eastern population)	*Icteria virens virens*
"Ipswich" Savannah Sparrow	Savannah Sparrow *princeps* subspecies
Isopyrum biternatum	*Enemion biternatum*
Killer Whale (North Pacific "resident" populations)	Killer Whale (North Pacific resident populations)
Lake Erie Water Snake	Lake Erie Watersnake
Lake Lamprey	Cowichan Lake Lamprey
Lake Simcoe Whitefish	Lake Whitefish (Lake Simcoe population)
Lanius ludovicianus excubitorides (Prairie population)	*Lanius ludovicianus excubitorides*
Lanius ludovicianus migrans (Eastern population)	*Lanius ludovicianus migrans*
Leatherback Turtle	Leatherback Seaturtle
Lewis' Woodpecker	Lewis's Woodpecker
Lilaeopsis	Eastern Lilaeopsis
Limnetic Texada Island Stickleback	Limnetic Paxton Lake Stickleback
Loggerhead Shrike (Eastern population)	Loggerhead Shrike *migrans* subspecies
Loggerhead Shrike (Prairie population)	Loggerhead Shrike *excubitorides* subspecies
Long-tailed Weasel (Prairie population)	Prairie Long-tailed Weasel
Lottia alveus	*Lottia alveus alveus*
Lynx	Canada Lynx
MacLean's Goldenweed	Northern Mock Goldenweed
Martes americana atrata (Newfoundland population)	*Martes americana atrata*
Mexican Mosquito Fern	Mexican Mosquito-fern
Mira River Whitefish	Lake Whitefish (Mira River population)
Mountain Dusky Salamander	Allegheny Mountain Dusky Salamander

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Mustela erminea haidarum (Queen Charlotte Islands population)	*Mustela erminea haidarum*
Mustela frenata longicauda (Prairie population)	*Mustela frenata longicauda*
Night Snake	Nightsnake
North Sea Beaked Whale	Sowerby's Beaked Whale
Northern Bottlenose Whale	Northern Bottlenose Whale (Davis Strait population)
Northern Bottlenose Whale (Gully population)	Northern Bottlenose Whale (Scotian Shelf population)
Northern Goshawk	Northern Goshawk *atricapillus* subspecies
Northern Leopard Frog (Prairie population)	Northern Leopard Frog (Western Boreal/Prairie populations)
Northern Prairie Skink	Prairie Skink
Northern Red-legged Frog	Red-legged Frog
Northern Ribbonsnake (Atlantic population)	Eastern Ribbonsnake (Atlantic population)
Northern Ribbonsnake (Great Lakes population)	Eastern Ribbonsnake (Great Lakes population)
Northern Spotted Owl	Spotted Owl *caurina* subspecies
Northwestern Alligator Lizard	Northern Alligator Lizard
Notropis rubellus (Eastern population)	*Notropis rubellus*
Notropis rubellus (Manitoba population)	*Notropis percobromus*
Nuttall's Cottontail (British Columbia population)	Nuttall's Cottontail *nuttallii* subspecies
Nuttall's Cottontail (Prairie population)	Nuttall's Cottontail *pinetis* subspecies
Nyctea scandiaca	*Bubo scandiaca*
Oncorhynchus nerka (Cultus Lake population)	*Oncorhynchus nerka* (Cultus population)
Oncorhynchus nerka (Sakinaw Lake population)	*Oncorhynchus nerka* (Sakinaw population)
Otus asio	*Megascops asio*
Otus kennicottii	*Megascops kennicottii*
Otus kennicottii kennicottii	*Megascops kennicottii kennicottii*
Otus kennicottii macfarlanei	*Megascops kennicottii macfarlanei*
Pacific Giant Salamander	Coastal Giant Salamander
Pacific Gopher Snake	Pacific Gophersnake
Pacific Great Blue Heron	Great Blue Heron *fannini* subspecies
Panax quinquefolium	*Panax quinquefolius*
Peale's Peregrine Falcon	Peregrine Falcon *pealei* subspecies
Phoca vitulina mellonae (Lac des Loups Marins landlocked population)	*Phoca vitulina mellonae*
Phrynosoma douglassii brevirostre	*Phrynosoma hernandesi*
Phrynosoma douglassii douglassii (British Columbia population)	*Phrynosoma douglasii* (British Columbia population)
Pink Rush	Rush Pink
Plains Spadefoot Toad	Plains Spadefoot
Polemonium van-bruntiae	*Polemonium vanbruntiae*
Prairie Loggerhead Shrike	Loggerhead Shrike *excubitorides* subspecies
Pygmy Short-horned Lizard (British Columbia population)	Pigmy Short-horned Lizard (British Columbia population)
Queen Charlotte Goshawk	Northern Goshawk *laingi* subspecies

NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS *continued*

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Rana pipiens (Prairie population)	*Rana pipiens* (Western Boreal/Prairie populations)
Rangifer tarandus dawsoni (Queen Charlotte Islands population)	*Rangifer tarandus dawsoni*
Reithrodontomys megalotis dychei (Prairie population)	*Reithrodontomys megalotis dychei*
Reithrodontomys megalotis megalotis (British Columbia population)	*Reithrodontomys megalotis megalotis*
Ross' Gull	Ross's Gull
Rosyface Shiner (Eastern population)	Rosyface Shiner
Rosyface Shiner (Manitoba population)	Carmine Shiner
Sage Grouse (British Columbia population)	Greater Sage-Grouse *phaios* subspecies
Sage Grouse (Prairie population)	Greater Sage-Grouse *urophasianus* subspecies
Salamander Mussel	Mudpuppy Mussel
Sand Verbena	Small-flowered Sand-verbena
Sand Verbena Moth	Sand-verbena Moth
Scirpus verecundus	*Trichophorum planifolium*
Simpsonais ambigua	*Simpsonaias ambigua*
Sistrurus catenatus catenatus	*Sistrurus catenatus*
Slender Wooly-heads	Slender Woolly-heads
Smallmouth Salamander	Small-mouthed Salamander
Sockeye Salmon (Cultus Lake population)	Sockeye Salmon (Cultus population)
Sockeye Salmon (Sakinaw Lake population)	Sockeye Salmon (Sakinaw population)
Solidago speciosa var. *rigidiuscula*	*Solidago speciosa*
Speotyto cunicularia	*Athene cunicularia*
Spiny Softshell Turtle	Spiny Softshell
Spotted Owl	Spotted Owl *caurina* subspecies
Streaked Horned Lark	Horned Lark *strigata* subspecies
Strix occidentalis	*Strix occidentalis caurina*
Sylvilagus nuttallii nuttallii (British Columbia population)	*Sylvilagus nuttallii nuttallii*
Sylvilagus nuttallii pinetis (Prairie population)	*Sylvilagus nuttallii pinetis*
Symphyotrichum subulatum	*Symphyotrichum subulatum* (Bathurst population)
Tailed Frog (Pacific Coast population)	Coast Tailed Frog
Tailed Frog (Southern Mountain population)	Rocky Mountain Tailed Frog
Tundra Peregrine Falcon	Peregrine Falcon *tundrius* subspecies
Van Brunt's Jacob's Ladder	Van Brunt's Jacob's-ladder
Virgulus sericeus	*Symphyotrichum sericeum*
Western Harvest Mouse (British Columbia population)	Western Harvest Mouse *megalotis* subspecies
Western Harvest Mouse (Prairie population)	Western Harvest Mouse *dychei* subspecies
Western Prairie Fringed Orchid	Western Prairie Fringed-orchid
Western Silver-leaved Aster	Western Silvery Aster
Western Yellow-breasted Chat (British Columbia population)	Yellow-breasted Chat *auricollis* subspecies (British Columbia population)
Western Yellow-breasted Chat (Prairie population)	Yellow-breasted Chat *auricollis* subspecies (Prairie population)

NAMES PREVIOUSLY USED BY COSEWIC AND SYNONYMS *continued*

Previous Name(s) or Synonym	Current Common Name or Scientific Name (population)
Willow Aster	Willowleaf Aster
Woodland Caribou (Queen Charlotte Islands population)	Caribou *dawsoni* subspecies
Woodland Caribou Dawson's subspecies	Caribou *dawsoni* subspecies
Yellow-breasted Chat (British Columbia population)	Yellow-breasted Chat *auricollis* subspecies (British Columbia population)
Yellow-breasted Chat (Eastern population)	Yellow-breasted Chat *virens* subspecies
Yellow-breasted Chat (Prairie population)	Yellow-breasted Chat *auricollis* subspecies (Prairie population)

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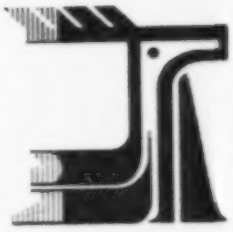

COSEWIC
Committee on the Status of Endangered Wildlife in Canada

COSEPAC
Comité sur la situation des espèces en péril au Canada

The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) was created in 1977 as a result of a recommendation at the Federal-Provincial Wildlife Conference held in 1976.

It arose from the need for a single, official, scientifically sound, national classification of wildlife species at risk.

In 1978, COSEWIC designated its first species and produced its first list of Canadian species at risk.

In 2002, COSEWIC celebrated 25 years of science-based assessment of the status of species at risk in Canada.

On June 5th 2003, the *Species at Risk Act* (SARA) was proclaimed. SARA establishes COSEWIC as an advisory body, ensuring that species will continue to be assessed under a rigorous and independent scientific process.

Environment Canada | Environnement Canada

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Canada

The Canadian Wildlife Service, Environment Canada, provides full administrative and financial support to the COSEWIC Secretariat.